Student: Teacher: Date:

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Grade 7, Probe 1 Answer Key

Item No.	Answer	Correct	Incorrect	Item No.	Answer	Correct	Incorrect
1.	3	1	0	**21.**	$8\frac{1}{3}$	2	0
2.	25	1	0	**22.**	$\frac{63}{100}$	2	0
3.	$\frac{3}{29}$	2	0	**23.**	1.96	2	0
4.	25	1	0	**24.**	$\frac{7}{100}$	2	0
5.	$\frac{1}{3}$	1	0	**25.**	0.2484	3	0
6.	49	1	0	**26.**	3.31	2	0
7.	$^{-}7$	2	0	**27.**	0.75	2	0
8.	12	1	0	**28.**	$\frac{35}{28}$; $\frac{5}{4}$; $1\frac{1}{4}$	2	0
9.	$\frac{1}{2}$	1	0	**29.**	0.145	2	0
10.	46	1	0	**30.**	$^{-}11$	3	0
11.	100	1	0	**31.**	$5\frac{9}{10}$	1	0
12.	$\frac{2}{11}$	1	0	**32.**	0.4	2	0
13.	2445	1	0	**33.**	39	3	0
14.	$\frac{1}{2}$	1	0	**34.**	45	2	0
15.	18,720	1	0	**35.**	$4\frac{1}{4}$	2	0
16.	48	1	0	**36.**	$1\frac{3}{7}$	2	0
17.	8	2	0	**37.**	1.1	3	0
18.	9	1	0	**38.**	$^{-}30$	3	0
19.	$^{-}30$	2	0	**39.**	6 r16; 6.8; $6\frac{16}{20}$; $6\frac{8}{10}$; $6\frac{4}{5}$	3	0
20.	121	1	0	**40.**	$\frac{56}{54}$; $1\frac{2}{54}$; $1\frac{1}{27}$	3	0

Subtotal 1 ☐ **Subtotal 2** ☐

TOTAL = Subtotal 1 + Subtotal 2 ☐

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Student: Teacher: Date:

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Grade 7, Probe 2 Answer Key

Item No.	Answer	Correct	Incorrect	Item No.	Answer	Correct	Incorrect
1.	18	1	0	**21.**	$1\frac{2}{5}$	2	0
2.	9	1	0	**22.**	$\frac{47}{100}$	2	0
3.	$\frac{3}{17}$	2	0	**23.**	1.82	2	0
4.	3	1	0	**24.**	$\frac{81}{100}$	2	0
5.	$\frac{1}{2}$	1	0	**25.**	0.1204	3	0
6.	4	1	0	**26.**	1.22	2	0
7.	2	2	0	**27.**	0.25	2	0
8.	13	1	0	**28.**	$\frac{32}{27}$ or $1\frac{5}{27}$	2	0
9.	$\frac{1}{4}$	1	0	**29.**	0.71	2	0
10.	23	1	0	**30.**	-1	3	0
11.	256	1	0	**31.**	$4\frac{3}{10}$	1	0
12.	$\frac{2}{7}$	1	0	**32.**	0.7	2	0
13.	11,550	1	0	**33.**	17	3	0
14.	$\frac{1}{12}$	1	0	**34.**	29	2	0
15.	6000	1	0	**35.**	$13\frac{1}{2}$	2	0
16.	13	1	0	**36.**	$6\frac{2}{7}$	2	0
17.	-1	2	0	**37.**	0.7	3	0
18.	11	1	0	**38.**	-17	3	0
19.	-18	2	0	**39.**	10 r21; 10.5; $10\frac{21}{42}$; $10\frac{7}{14}$; $10\frac{3}{6}$; $10\frac{1}{2}$	3	0
20.	324	1	0	**40.**	$\frac{45}{18}$; $2\frac{9}{18}$; $2\frac{1}{2}$	3	0

Subtotal 1 ☐ **Subtotal 2** ☐

TOTAL = Subtotal 1 + Subtotal 2 ☐

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Grade 7, Probe 3 Answer Key

Item No.	Answer	Correct	Incorrect	Item No.	Answer	Correct	Incorrect
1.	30	1	0	**21.**	$4\frac{2}{3}$	2	0
2.	9	1	0	**22.**	$\frac{67}{100}$	2	0
3.	$\frac{7}{13}$	2	0	**23.**	3.86	2	0
4.	4	1	0	**24.**	$\frac{69}{100}$	2	0
5.	$\frac{1}{2}$	1	0	**25.**	0.2488	3	0
6.	81	1	0	**26.**	2.23	2	0
7.	7	2	0	**27.**	0.2	2	0
8.	19	1	0	**28.**	$\frac{27}{25}$ or $1\frac{2}{25}$	2	0
9.	$\frac{1}{5}$	1	0	**29.**	0.303	2	0
10.	32	1	0	**30.**	-1	3	0
11.	196	1	0	**31.**	$9\frac{9}{10}$	1	0
12.	$\frac{4}{23}$	1	0	**32.**	0.2	2	0
13.	7776	1	0	**33.**	14	3	0
14.	$\frac{1}{3}$	1	0	**34.**	24	2	0
15.	1590	1	0	**35.**	$4\frac{3}{4}$	2	0
16.	12	1	0	**36.**	$4\frac{2}{11}$	2	0
17.	3	2	0	**37.**	0.1	3	0
18.	7	1	0	**38.**	-22	3	0
19.	-18	2	0	**39.**	7 r21; 7.5; $7\frac{21}{42}$; $7\frac{7}{14}$; $7\frac{3}{6}$; $7\frac{1}{2}$	3	0
20.	144	1	0	**40.**	$\frac{56}{54}$; $1\frac{2}{54}$; $1\frac{1}{27}$	3	0

Subtotal 1 ☐ **Subtotal 2** ☐

TOTAL = Subtotal 1 + Subtotal 2 ☐

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Grade 7, Probe 4 Answer Key

Item No.	Answer	Correct	Incorrect	Item No.	Answer	Correct	Incorrect
1.	14	1	0	**21.**	$5\frac{2}{3}$	2	0
2.	4	1	0	**22.**	$\frac{31}{100}$	2	0
3.	$\frac{4}{15}$	2	0	**23.**	2.56	2	0
4.	17	1	0	**24.**	$\frac{53}{100}$	2	0
5.	$\frac{1}{8}$	1	0	**25.**	0.3603	3	0
6.	9	1	0	**26.**	2.15	2	0
7.	14	2	0	**27.**	0.6	2	0
8.	11	1	0	**28.**	$\frac{28}{15}$ or $1\frac{13}{15}$	2	0
9.	$\frac{1}{2}$	1	0	**29.**	0.416	2	0
10.	32	1	0	**30.**	2	3	0
11.	289	1	0	**31.**	$9\frac{4}{7}$	1	0
12.	$\frac{5}{6}$	1	0	**32.**	0.8	2	0
13.	10,350	1	0	**33.**	23	3	0
14.	$\frac{1}{3}$	1	0	**34.**	31	2	0
15.	21,944	1	0	**35.**	$4\frac{2}{5}$	2	0
16.	15	1	0	**36.**	$3\frac{3}{10}$	2	0
17.	−2	2	0	**37.**	2.1	3	0
18.	15	1	0	**38.**	−33	3	0
19.	−10	2	0	**39.**	3 r4; 3.1; $3\frac{4}{40}$; $3\frac{1}{10}$	3	0
20.	144	1	0	**40.**	$\frac{64}{63}$ or $1\frac{1}{63}$	3	0

Subtotal 1 ☐ **Subtotal 2** ☐

TOTAL = Subtotal 1 + Subtotal 2 ☐

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Grade 7, Probe 5 Answer Key

Item No.	Answer	Correct	Incorrect	Item No.	Answer	Correct	Incorrect
1.	25	1	0	**21.**	$5\frac{2}{3}$	2	0
2.	25	1	0	**22.**	$\frac{31}{100}$	2	0
3.	$\frac{7}{13}$	2	0	**23.**	3.68	2	0
4.	34	1	0	**24.**	$\frac{79}{100}$	2	0
5.	$\frac{1}{3}$	1	0	**25.**	0.1214	3	0
6.	4	1	0	**26.**	2.07	2	0
7.	$^{-}2$	2	0	**27.**	0.25	2	0
8.	3	1	0	**28.**	$\frac{15}{14}$ or $1\frac{1}{14}$	2	0
9.	$\frac{1}{6}$	1	0	**29.**	0.396	2	0
10.	21	1	0	**30.**	9	3	0
11.	256	1	0	**31.**	$5\frac{5}{8}$	1	0
12.	$\frac{3}{17}$	1	0	**32.**	0.8	2	0
13.	9080	1	0	**33.**	13	3	0
14.	$\frac{1}{4}$	1	0	**34.**	34	2	0
15.	22,764	1	0	**35.**	$3\frac{1}{2}$	2	0
16.	12	1	0	**36.**	$1\frac{2}{9}$	2	0
17.	2	2	0	**37.**	2.5	3	0
18.	18	1	0	**38.**	$^{-}12$	3	0
19.	$^{-}27$	2	0	**39.**	15 r11; 15.5; $15\frac{11}{22}$; $15\frac{1}{2}$	3	0
20.	324	1	0	**40.**	$\frac{72}{20}$; $3\frac{12}{20}$; $3\frac{3}{5}$	3	0

Subtotal 1 ☐ **Subtotal 2** ☐

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Grade 7, Probe 6 Answer Key

Item No.	Answer	Correct	Incorrect	Item No.	Answer	Correct	Incorrect
1.	10	1	0	**21.**	$4\frac{4}{5}$	2	0
2.	25	1	0	**22.**	$\frac{37}{100}$	2	0
3.	$\frac{5}{28}$	2	0	**23.**	4.79	2	0
4.	4	1	0	**24.**	$\frac{17}{100}$	2	0
5.	$\frac{1}{4}$	1	0	**25.**	0.366	3	0
6.	16	1	0	**26.**	0.93	2	0
7.	7	2	0	**27.**	0.2	2	0
8.	7	1	0	**28.**	$\frac{40}{36}$; $1\frac{4}{36}$; $1\frac{2}{18}$; $1\frac{1}{9}$	2	0
9.	$\frac{1}{6}$	1	0	**29.**	0.142	2	0
10.	27	1	0	**30.**	−1	3	0
11.	361	1	0	**31.**	$9\frac{7}{9}$	1	0
12.	$\frac{3}{29}$	1	0	**32.**	0.75	2	0
13.	3500	1	0	**33.**	31	3	0
14.	$\frac{1}{3}$	1	0	**34.**	14	2	0
15.	18,144	1	0	**35.**	$13\frac{1}{2}$	2	0
16.	12	1	0	**36.**	$4\frac{2}{11}$	2	0
17.	5	2	0	**37.**	1.1	3	0
18.	12	1	0	**38.**	−24	3	0
19.	−24	2	0	**39.**	11 r28; 11.8; $11\frac{28}{35}$; $11\frac{4}{5}$	3	0
20.	121	1	0	**40.**	$\frac{35}{32}$; $1\frac{3}{32}$	3	0

Subtotal 1 ☐ **Subtotal 2** ☐

TOTAL = Subtotal 1 + Subtotal 2 ☐

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Grade 7, Probe 7 Answer Key

Item No.	Answer	Correct	Incorrect	Item No.	Answer	Correct	Incorrect
1.	26	1	0	**21.**	$2\frac{2}{3}$	2	0
2.	36	1	0	**22.**	$\frac{51}{100}$	2	0
3.	$\frac{6}{25}$	2	0	**23.**	2.93	2	0
4.	9	1	0	**24.**	$\frac{21}{100}$	2	0
5.	$\frac{1}{3}$	1	0	**25.**	0.2844	3	0
6.	16	1	0	**26.**	0.98	2	0
7.	3	2	0	**27.**	0.25	2	0
8.	19	1	0	**28.**	$\frac{21}{16}$ or $1\frac{5}{16}$	2	0
9.	$\frac{1}{7}$	1	0	**29.**	0.505	2	0
10.	42	1	0	**30.**	4	3	0
11.	324	1	0	**31.**	$4\frac{5}{12}$	1	0
12.	$\frac{4}{15}$	1	0	**32.**	0.9	2	0
13.	26,789	1	0	**33.**	20	3	0
14.	$\frac{1}{2}$	1	0	**34.**	22	2	0
15.	7455	1	0	**35.**	$1\frac{1}{4}$	2	0
16.	17	1	0	**36.**	$3\frac{3}{10}$	2	0
17.	−4	2	0	**37.**	2.2	3	0
18.	14	1	0	**38.**	−19	3	0
19.	−28	2	0	**39.**	20 r11; 20.5; $20\frac{11}{22}$; $20\frac{1}{2}$	3	0
20.	400	1	0	**40.**	$\frac{56}{54}$; $1\frac{2}{54}$; $1\frac{1}{27}$	3	0

Subtotal 1 ☐ **Subtotal 2** ☐

TOTAL = Subtotal 1 + Subtotal 2 ☐

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Grade 7, Probe 8 Answer Key

Item No.	Answer	Correct	Incorrect	Item No.	Answer	Correct	Incorrect
1.	27	1	0	**21.**	$4\frac{1}{3}$	2	0
2.	9	1	0	**22.**	$\frac{9}{100}$	2	0
3.	$\frac{2}{25}$	2	0	**23.**	2.39	2	0
4.	4	1	0	**24.**	$\frac{61}{100}$	2	0
5.	$\frac{1}{4}$	1	0	**25.**	0.1244	3	0
6.	81	1	0	**26.**	3.52	2	0
7.	0	2	0	**27.**	0.5	2	0
8.	19	1	0	**28.**	$\frac{36}{35}$ or $1\frac{1}{35}$	2	0
9.	$\frac{1}{2}$	1	0	**29.**	0.56	2	0
10.	25	1	0	**30.**	-11	3	0
11.	361	1	0	**31.**	$4\frac{5}{11}$	1	0
12.	$\frac{5}{7}$	1	0	**32.**	0.3	2	0
13.	3440	1	0	**33.**	18	3	0
14.	$\frac{1}{3}$	1	0	**34.**	43	2	0
15.	10,250	1	0	**35.**	$5\frac{4}{5}$	2	0
16.	4	1	0	**36.**	$5\frac{4}{15}$	2	0
17.	-3	2	0	**37.**	0.4	3	0
18.	34	1	0	**38.**	-9	3	0
19.	-22	2	0	**39.**	14 r15; 14.6; $14\frac{15}{25}$; $14\frac{3}{5}$	3	0
20.	400	1	0	**40.**	$\frac{63}{45}$; $1\frac{18}{45}$; $1\frac{2}{5}$	3	0

Subtotal 1 ☐ **Subtotal 2** ☐

TOTAL = Subtotal 1 + Subtotal 2 ☐

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Grade 7, Probe 9 Answer Key

Item No.	Answer	Correct	Incorrect	Item No.	Answer	Correct	Incorrect
1.	18	1	0	**21.**	$11\frac{1}{2}$	2	0
2.	64	1	0	**22.**	$\frac{91}{100}$	2	0
3.	$\frac{4}{29}$	2	0	**23.**	7.67	2	0
4.	2	1	0	**24.**	$\frac{97}{100}$	2	0
5.	$\frac{1}{2}$	1	0	**25.**	0.1325	3	0
6.	4	1	0	**26.**	1.13	2	0
7.	$^{-}5$	2	0	**27.**	0.75	2	0
8.	12	1	0	**28.**	$\frac{49}{36}$ or $1\frac{13}{36}$	2	0
9.	$\frac{1}{11}$	1	0	**29.**	0.264	2	0
10.	17	1	0	**30.**	$^{-}3$	3	0
11.	400	1	0	**31.**	$6\frac{3}{8}$	1	0
12.	$\frac{3}{19}$	1	0	**32.**	0.2	2	0
13.	17,490	1	0	**33.**	25	3	0
14.	$\frac{1}{2}$	1	0	**34.**	41	2	0
15.	5300	1	0	**35.**	$5\frac{1}{4}$	2	0
16.	7	1	0	**36.**	$5\frac{1}{12}$	2	0
17.	13	2	0	**37.**	0.3	3	0
18.	9	1	0	**38.**	$^{-}24$	3	0
19.	$^{-}26$	2	0	**39.**	2 r40; 2.8; $2\frac{40}{50}$; $2\frac{20}{25}$; $2\frac{4}{5}$	3	0
20.	225	1	0	**40.**	$\frac{30}{54}$; $\frac{5}{9}$	3	0

Subtotal 1 ☐ **Subtotal 2** ☐

TOTAL = Subtotal 1 + Subtotal 2 ☐

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Grade 7, Probe 10 Answer Key

Item No.	Answer	Correct	Incorrect	Item No.	Answer	Correct	Incorrect
1.	12	1	0	**21.**	$4\frac{4}{5}$	2	0
2.	16	1	0	**22.**	$\frac{89}{100}$	2	0
3.	$\frac{3}{29}$	2	0	**23.**	2.64	2	0
4.	8	1	0	**24.**	$\frac{3}{100}$	2	0
5.	$\frac{1}{3}$	1	0	**25.**	0.1304	3	0
6.	25	1	0	**26.**	3.13	2	0
7.	1	2	0	**27.**	0.75	2	0
8.	21	1	0	**28.**	$\frac{21}{20}$ or $1\frac{1}{20}$	2	0
9.	$\frac{1}{2}$	1	0	**29.**	0.26	2	0
10.	24	1	0	**30.**	$^{-}8$	3	0
11.	225	1	0	**31.**	$6\frac{7}{8}$	1	0
12.	$\frac{4}{21}$	1	0	**32.**	0.9	2	0
13.	13,525	1	0	**33.**	14	3	0
14.	$\frac{1}{5}$	1	0	**34.**	8	2	0
15.	4544	1	0	**35.**	$2\frac{1}{2}$	2	0
16.	13	1	0	**36.**	$1\frac{3}{14}$	2	0
17.	6	2	0	**37.**	0.8	3	0
18.	3	1	0	**38.**	$^{-}24$	3	0
19.	$^{-}29$	2	0	**39.**	4 r10; 4.2; $4\frac{10}{50}$; $4\frac{5}{25}$; $4\frac{1}{5}$	3	0
20.	100	1	0	**40.**	$\frac{45}{18}$; $2\frac{9}{18}$; $2\frac{1}{2}$	3	0

Subtotal 1 ☐ **Subtotal 2** ☐

TOTAL = Subtotal 1 + Subtotal 2 ☐

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Grade 7, Probe 11 Answer Key

Item No.	Answer	Correct	Incorrect	Item No.	Answer	Correct	Incorrect
1.	7	1	0	**21.**	$6\frac{1}{4}$	2	0
2.	64	1	0	**22.**	$\frac{11}{100}$	2	0
3.	$\frac{4}{15}$	2	0	**23.**	3.83	2	0
4.	18	1	0	**24.**	$\frac{47}{100}$	2	0
5.	$\frac{1}{5}$	1	0	**25.**	0.1425	3	0
6.	9	1	0	**26.**	0.67	2	0
7.	$^{-}2$	2	0	**27.**	0.25	2	0
8.	36	1	0	**28.**	$\frac{25}{18}$ or $1\frac{7}{18}$	2	0
9.	$\frac{1}{2}$	1	0	**29.**	0.426	2	0
10.	21	1	0	**30.**	$^{-}2$	3	0
11.	169	1	0	**31.**	$6\frac{5}{9}$	1	0
12.	$\frac{5}{6}$	1	0	**32.**	0.7	2	0
13.	12,291	1	0	**33.**	20	3	0
14.	$\frac{1}{7}$	1	0	**34.**	12	2	0
15.	10,100	1	0	**35.**	$5\frac{4}{5}$	2	0
16.	11	1	0	**36.**	$1\frac{1}{8}$	2	0
17.	7	2	0	**37.**	2.1	3	0
18.	15	1	0	**38.**	$^{-}13$	3	0
19.	$^{-}22$	2	0	**39.**	6 r16; 6.8; $6\frac{16}{20}$; $6\frac{8}{10}$; $6\frac{4}{5}$	3	0
20.	121	1	0	**40.**	$\frac{63}{45}$; $1\frac{18}{45}$; $1\frac{2}{5}$	3	0

Subtotal 1 ☐ **Subtotal 2** ☐

TOTAL = Subtotal 1 + Subtotal 2 ☐

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Grade 7, Probe 12 Answer Key

Item No.	Answer	Correct	Incorrect	Item No.	Answer	Correct	Incorrect
1.	1	1	0	**21.**	$6\frac{1}{2}$	2	0
2.	9	1	0	**22.**	$\frac{89}{100}$	2	0
3.	$\frac{7}{24}$	2	0	**23.**	2.74	2	0
4.	16	1	0	**24.**	$\frac{73}{100}$	2	0
5.	$\frac{1}{14}$	1	0	**25.**	0.2646	3	0
6.	64	1	0	**26.**	2.42	2	0
7.	11	2	0	**27.**	0.5	2	0
8.	19	1	0	**28.**	$\frac{35}{28}$; $\frac{5}{4}$; $1\frac{1}{4}$	2	0
9.	$\frac{1}{8}$	1	0	**29.**	0.56	2	0
10.	23	1	0	**30.**	7	3	0
11.	225	1	0	**31.**	$5\frac{5}{7}$	1	0
12.	$\frac{4}{17}$	1	0	**32.**	0.1	2	0
13.	2875	1	0	**33.**	22	3	0
14.	$\frac{1}{3}$	1	0	**34.**	45	2	0
15.	15,655	1	0	**35.**	$1\frac{2}{5}$	2	0
16.	9	1	0	**36.**	$2\frac{1}{6}$	2	0
17.	0	2	0	**37.**	2.7	3	0
18.	7	1	0	**38.**	−33	3	0
19.	−32	2	0	**39.**	5 r32; 5.8; $5\frac{32}{40}$; $5\frac{16}{20}$; $5\frac{8}{10}$; $5\frac{4}{5}$	3	0
20.	169	1	0	**40.**	$\frac{63}{56}$; $1\frac{7}{56}$; $1\frac{1}{8}$	3	0

Subtotal 1 ☐ **Subtotal 2** ☐

TOTAL = Subtotal 1 + Subtotal 2 ☐

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Grade 7, Probe 13 Answer Key

Item No.	Answer	Correct	Incorrect	Item No.	Answer	Correct	Incorrect
1.	22	1	0	**21.**	$3\frac{2}{5}$	2	0
2.	81	1	0	**22.**	$\frac{1}{100}$	2	0
3.	$\frac{5}{6}$	2	0	**23.**	1.54	2	0
4.	18	1	0	**24.**	$\frac{87}{100}$	2	0
5.	$\frac{1}{3}$	1	0	**25.**	0.2408	3	0
6.	49	1	0	**26.**	1.15	2	0
7.	8	2	0	**27.**	0.2	2	0
8.	19	1	0	**28.**	$\frac{28}{25}$ or $1\frac{3}{25}$	2	0
9.	$\frac{1}{4}$	1	0	**29.**	0.568	2	0
10.	29	1	0	**30.**	−2	3	0
11.	100	1	0	**31.**	$7\frac{8}{11}$	1	0
12.	$\frac{6}{13}$	1	0	**32.**	0.8	2	0
13.	12,480	1	0	**33.**	23	3	0
14.	$\frac{1}{3}$	1	0	**34.**	28	2	0
15.	11,050	1	0	**35.**	$5\frac{1}{3}$	2	0
16.	26	1	0	**36.**	$1\frac{3}{7}$	2	0
17.	−3	2	0	**37.**	1.4	3	0
18.	8	1	0	**38.**	−22	3	0
19.	−18	2	0	**39.**	9 r20; 9.8; $9\frac{20}{25}$; $9\frac{4}{5}$	3	0
20.	361	1	0	**40.**	$\frac{81}{60}$; $1\frac{21}{60}$; $1\frac{7}{20}$	3	0

Subtotal 1 ☐ **Subtotal 2** ☐

TOTAL = Subtotal 1 + Subtotal 2 ☐

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Grade 7, Probe 14 Answer Key

Item No.	Answer	Correct	Incorrect	Item No.	Answer	Correct	Incorrect
1.	9	1	0	**21.**	$8\frac{1}{3}$	2	0
2.	64	1	0	**22.**	$\frac{23}{100}$	2	0
3.	$\frac{4}{21}$	2	0	**23.**	4.85	2	0
4.	6	1	0	**24.**	$\frac{53}{100}$	2	0
5.	$\frac{1}{7}$	1	0	**25.**	0.1322	3	0
6.	16	1	0	**26.**	2.41	2	0
7.	−13	2	0	**27.**	0.75	2	0
8.	4	1	0	**28.**	$\frac{16}{15}$ or $1\frac{1}{15}$	2	0
9.	$\frac{1}{4}$	1	0	**29.**	0.448	2	0
10.	28	1	0	**30.**	−10	3	0
11.	324	1	0	**31.**	$3\frac{8}{9}$	1	0
12.	$\frac{4}{29}$	1	0	**32.**	0.4	2	0
13.	7191	1	0	**33.**	29	3	0
14.	$\frac{1}{5}$	1	0	**34.**	26	2	0
15.	22,260	1	0	**35.**	$7\frac{1}{2}$	2	0
16.	10	1	0	**36.**	$1\frac{3}{14}$	2	0
17.	2	2	0	**37.**	0.8	3	0
18.	15	1	0	**38.**	−31	3	0
19.	−26	2	0	**39.**	4 r22; 4.4; $4\frac{22}{55}$; $4\frac{2}{5}$	3	0
20.	289	1	0	**40.**	$\frac{63}{60}$; $1\frac{3}{60}$; $1\frac{1}{20}$	3	0

Subtotal 1 ☐ **Subtotal 2** ☐

TOTAL = Subtotal 1 + Subtotal 2 ☐

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Grade 7, Probe 15 Answer Key

Item No.	Answer	Correct	Incorrect	Item No.	Answer	Correct	Incorrect
1.	20	1	0	**21.**	$1\frac{4}{5}$	2	0
2.	25	1	0	**22.**	$\frac{97}{100}$	2	0
3.	$\frac{2}{11}$	2	0	**23.**	4.93	2	0
4.	3	1	0	**24.**	$\frac{83}{100}$	2	0
5.	$\frac{1}{4}$	1	0	**25.**	0.3606	3	0
6.	49	1	0	**26.**	2.13	2	0
7.	−12	2	0	**27.**	0.75	2	0
8.	13	1	0	**28.**	$\frac{16}{9}$ or $1\frac{7}{9}$	2	0
9.	$\frac{1}{2}$	1	0	**29.**	0.52	2	0
10.	50	1	0	**30.**	−1	3	0
11.	400	1	0	**31.**	$5\frac{5}{8}$	1	0
12.	$\frac{7}{30}$	1	0	**32.**	0.6	2	0
13.	28,134	1	0	**33.**	36	3	0
14.	$\frac{1}{4}$	1	0	**34.**	13	2	0
15.	5040	1	0	**35.**	$9\frac{1}{2}$	2	0
16.	26	1	0	**36.**	$1\frac{2}{11}$	2	0
17.	−4	2	0	**37.**	0.6	3	0
18.	9	1	0	**38.**	−13	3	0
19.	−18	2	0	**39.**	9 r18; 9.4; $9\frac{18}{45}$; $9\frac{2}{5}$	3	0
20.	169	1	0	**40.**	$\frac{81}{60}$; $1\frac{21}{60}$; $1\frac{7}{20}$	3	0

Subtotal 1 ☐ **Subtotal 2** ☐

TOTAL = Subtotal 1 + Subtotal 2 ☐

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Grade 7, Probe 16 Answer Key

Item No.	Answer	Correct	Incorrect	Item No.	Answer	Correct	Incorrect
1.	4	1	0	**21.**	$2\frac{2}{3}$	2	0
2.	49	1	0	**22.**	$\frac{3}{100}$	2	0
3.	$\frac{5}{7}$	2	0	**23.**	2.88	2	0
4.	2	1	0	**24.**	$\frac{63}{100}$	2	0
5.	$\frac{1}{8}$	1	0	**25.**	0.2464	3	0
6.	16	1	0	**26.**	1.93	2	0
7.	1	2	0	**27.**	0.5	2	0
8.	6	1	0	**28.**	$\frac{32}{25}$ or $1\frac{7}{25}$	2	0
9.	$\frac{1}{3}$	1	0	**29.**	0.102	2	0
10.	27	1	0	**30.**	-2	3	0
11.	121	1	0	**31.**	$4\frac{7}{9}$	1	0
12.	$\frac{5}{13}$	1	0	**32.**	0.4	2	0
13.	4980	1	0	**33.**	27	3	0
14.	$\frac{1}{6}$	1	0	**34.**	48	2	0
15.	1680	1	0	**35.**	$3\frac{3}{4}$	2	0
16.	12	1	0	**36.**	$4\frac{2}{11}$	2	0
17.	-3	2	0	**37.**	1	3	0
18.	15	1	0	**38.**	-13	3	0
19.	-32	2	0	**39.**	23 r5; 23.5; $23\frac{5}{10}$; $23\frac{1}{2}$	3	0
20.	169	1	0	**40.**	$\frac{63}{45}$; $1\frac{18}{45}$; $1\frac{2}{5}$	3	0

Subtotal 1 ☐ **Subtotal 2** ☐

TOTAL = Subtotal 1 + Subtotal 2 ☐

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Grade 7, Probe 17 Answer Key

Item No.	Answer	Correct	Incorrect	Item No.	Answer	Correct	Incorrect
1.	5	1	0	**21.**	$6\frac{2}{3}$	2	0
2.	9	1	0	**22.**	$\frac{63}{100}$	2	0
3.	$\frac{3}{19}$	2	0	**23.**	2.56	2	0
4.	7	1	0	**24.**	$\frac{73}{100}$	2	0
5.	$\frac{1}{10}$	1	0	**25.**	0.3303	3	0
6.	25	1	0	**26.**	2.52	2	0
7.	$^{-}5$	2	0	**27.**	0.5	2	0
8.	9	1	0	**28.**	$\frac{54}{35}$ or $1\frac{19}{35}$	2	0
9.	$\frac{1}{3}$	1	0	**29.**	0.284	2	0
10.	34	1	0	**30.**	8	3	0
11.	225	1	0	**31.**	$4\frac{7}{9}$	1	0
12.	$\frac{7}{13}$	1	0	**32.**	0.30	2	0
13.	3708	1	0	**33.**	30	3	0
14.	$\frac{1}{9}$	1	0	**34.**	39	2	0
15.	14,112	1	0	**35.**	$3\frac{3}{4}$	2	0
16.	28	1	0	**36.**	$1\frac{3}{10}$	2	0
17.	6	2	0	**37.**	0.5	3	0
18.	19	1	0	**38.**	$^{-}13$	3	0
19.	$^{-}21$	2	0	**39.**	5 r21; 5.5; $5\frac{21}{42}$; $5\frac{7}{14}$; $5\frac{1}{2}$	3	0
20.	256	1	0	**40.**	$\frac{63}{45}$; $1\frac{18}{45}$; $1\frac{2}{5}$	3	0

Subtotal 1 ☐ **Subtotal 2** ☐

TOTAL = Subtotal 1 + Subtotal 2 ☐

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Grade 7, Probe 18 Answer Key

Item No.	Answer	Correct	Incorrect	Item No.	Answer	Correct	Incorrect
1.	4	1	0	**21.**	$1\frac{1}{5}$	2	0
2.	81	1	0	**22.**	$\frac{39}{100}$	2	0
3.	$\frac{6}{13}$	2	0	**23.**	1.75	2	0
4.	19	1	0	**24.**	$\frac{9}{100}$	2	0
5.	$\frac{1}{5}$	1	0	**25.**	0.1243	3	0
6.	9	1	0	**26.**	2.91	2	0
7.	15	2	0	**27.**	0.75	2	0
8.	5	1	0	**28.**	$\frac{32}{30}$; $1\frac{2}{30}$; $1\frac{1}{15}$	2	0
9.	$\frac{1}{6}$	1	0	**29.**	0.204	2	0
10.	28	1	0	**30.**	$^{-}6$	3	0
11.	144	1	0	**31.**	$5\frac{7}{12}$	1	0
12.	$\frac{5}{11}$	1	0	**32.**	0.25	2	0
13.	7744	1	0	**33.**	24	3	0
14.	$\frac{1}{4}$	1	0	**34.**	30	2	0
15.	7280	1	0	**35.**	$8\frac{1}{2}$	2	0
16.	20	1	0	**36.**	$5\frac{4}{15}$	2	0
17.	1	2	0	**37.**	1.1	3	0
18.	38	1	0	**38.**	$^{-}22$	3	0
19.	$^{-}29$	2	0	**39.**	7 r27; 7.6; $7\frac{27}{45}$; $7\frac{9}{15}$; $7\frac{3}{5}$	3	0
20.	289	1	0	**40.**	$\frac{70}{81}$	3	0

Subtotal 1 ☐ **Subtotal 2** ☐

TOTAL = Subtotal 1 + Subtotal 2 ☐

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Grade 7, Probe 19 Answer Key

Item No.	Answer	Correct	Incorrect	Item No.	Answer	Correct	Incorrect
1.	8	1	0	**21.**	$6\frac{3}{4}$	2	0
2.	36	1	0	**22.**	$\frac{93}{100}$	2	0
3.	$\frac{5}{12}$	2	0	**23.**	4.68	2	0
4.	2	1	0	**24.**	$\frac{29}{100}$	2	0
5.	$\frac{1}{6}$	1	0	**25.**	0.2426	3	0
6.	4	1	0	**26.**	0.55	2	0
7.	5	2	0	**27.**	0.5	2	0
8.	6	1	0	**28.**	$\frac{49}{48}$ or $1\frac{1}{48}$	2	0
9.	$\frac{1}{9}$	1	0	**29.**	0.14	2	0
10.	30	1	0	**30.**	−13	3	0
11.	196	1	0	**31.**	$6\frac{3}{7}$	1	0
12.	$\frac{4}{15}$	1	0	**32.**	0.6	2	0
13.	21,629	1	0	**33.**	23	3	0
14.	$\frac{1}{4}$	1	0	**34.**	10	2	0
15.	6413	1	0	**35.**	$3\frac{1}{3}$	2	0
16.	6	1	0	**36.**	$3\frac{1}{5}$	2	0
17.	9	2	0	**37.**	0.6	3	0
18.	20	1	0	**38.**	−24	3	0
19.	−25	2	0	**39.**	4 r16; 4.5; $4\frac{16}{32}$; $4\frac{8}{16}$; $4\frac{4}{8}$; $4\frac{2}{4}$; $4\frac{1}{2}$	3	0
20.	100	1	0	**40.**	$\frac{63}{45}$; $1\frac{18}{45}$; $1\frac{2}{5}$	3	0

Subtotal 1 ☐ **Subtotal 2** ☐

TOTAL = Subtotal 1 + Subtotal 2 ☐

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Grade 7, Probe 20 Answer Key

Item No.	Answer	Correct	Incorrect	Item No.	Answer	Correct	Incorrect
1.	24	1	0	**21.**	$7\frac{1}{4}$	2	0
2.	4	1	0	**22.**	$\frac{49}{100}$	2	0
3.	$\frac{4}{25}$	2	0	**23.**	4.73	2	0
4.	14	1	0	**24.**	$\frac{21}{100}$	2	0
5.	$\frac{1}{9}$	1	0	**25.**	0.2422	3	0
6.	36	1	0	**26.**	1.94	2	0
7.	$^{-}5$	2	0	**27.**	0.5	2	0
8.	23	1	0	**28.**	$\frac{40}{21}$ or $1\frac{19}{21}$	2	0
9.	$\frac{1}{3}$	1	0	**29.**	0.336	2	0
10.	27	1	0	**30.**	$^{-}6$	3	0
11.	121	1	0	**31.**	$5\frac{3}{11}$	1	0
12.	$\frac{5}{24}$	1	0	**32.**	0.3	2	0
13.	6000	1	0	**33.**	3	3	0
14.	$\frac{1}{7}$	1	0	**34.**	46	2	0
15.	8560	1	0	**35.**	$2\frac{2}{5}$	2	0
16.	21	1	0	**36.**	$3\frac{1}{5}$	2	0
17.	3	2	0	**37.**	2	3	0
18.	10	1	0	**38.**	$^{-}11$	3	0
19.	$^{-}33$	2	0	**39.**	9 r16; 9.5; $9\frac{16}{32}$; $9\frac{8}{16}$; $9\frac{4}{8}$; $9\frac{2}{4}$; $9\frac{1}{2}$	3	0
20.	225	1	0	**40.**	$\frac{45}{18}$; $2\frac{9}{18}$; $2\frac{1}{2}$	3	0

Subtotal 1 ☐ **Subtotal 2** ☐

TOTAL = Subtotal 1 + Subtotal 2 ☐

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Grade 7, Probe 21 Answer Key

Item No.	Answer	Correct	Incorrect	Item No.	Answer	Correct	Incorrect
1.	15	1	0	**21.**	$14\frac{1}{2}$	2	0
2.	49	1	0	**22.**	$\frac{79}{100}$	2	0
3.	$\frac{3}{20}$	2	0	**23.**	2.96	2	0
4.	19	1	0	**24.**	$\frac{99}{100}$	2	0
5.	$\frac{1}{7}$	1	0	**25.**	0.2608	3	0
6.	81	1	0	**26.**	0.97	2	0
7.	−15	2	0	**27.**	0.25	2	0
8.	27	1	0	**28.**	$\frac{28}{27}$ or $1\frac{1}{27}$	2	0
9.	$\frac{1}{3}$	1	0	**29.**	0.51	2	0
10.	20	1	0	**30.**	5	3	0
11.	289	1	0	**31.**	$7\frac{5}{11}$	1	0
12.	$\frac{4}{5}$	1	0	**32.**	0.8	2	0
13.	10,332	1	0	**33.**	18	3	0
14.	$\frac{1}{4}$	1	0	**34.**	7	2	0
15.	9744	1	0	**35.**	$3\frac{3}{5}$	2	0
16.	8	1	0	**36.**	$2\frac{1}{7}$	2	0
17.	1	2	0	**37.**	1.5	3	0
18.	13	1	0	**38.**	−35	3	0
19.	−19	2	0	**39.**	12 r3; 12.1; $12\frac{3}{30}$; $12\frac{1}{10}$	3	0
20.	144	1	0	**40.**	$\frac{42}{8}$; $5\frac{2}{8}$; $5\frac{1}{4}$	3	0

Subtotal 1 ☐ **Subtotal 2** ☐

TOTAL = Subtotal 1 + Subtotal 2 ☐

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Grade 7, Probe 22 Answer Key

Item No.	Answer	Correct	Incorrect	Item No.	Answer	Correct	Incorrect
1.	3	1	0	**21.**	$6\frac{2}{3}$	2	0
2.	81	1	0	**22.**	$\frac{83}{100}$	2	0
3.	$\frac{4}{17}$	2	0	**23.**	2.67	2	0
4.	16	1	0	**24.**	$\frac{81}{100}$	2	0
5.	$\frac{1}{4}$	1	0	**25.**	0.1323	3	0
6.	36	1	0	**26.**	2.41	2	0
7.	4	2	0	**27.**	0.5	2	0
8.	25	1	0	**28.**	$\frac{32}{25}$ or $1\frac{7}{25}$	2	0
9.	$\frac{1}{5}$	1	0	**29.**	0.306	2	0
10.	25	1	0	**30.**	$^{-}12$	3	0
11.	256	1	0	**31.**	$6\frac{7}{9}$	1	0
12.	$\frac{4}{25}$	1	0	**32.**	0.3	2	0
13.	7530	1	0	**33.**	19	3	0
14.	$\frac{1}{3}$	1	0	**34.**	16	2	0
15.	4640	1	0	**35.**	$4\frac{3}{5}$	2	0
16.	4	1	0	**36.**	$5\frac{4}{15}$	2	0
17.	13	2	0	**37.**	0.4	3	0
18.	16	1	0	**38.**	$^{-}10$	3	0
19.	$^{-}27$	2	0	**39.**	2 r21; 2.5; $2\frac{21}{42}$; $2\frac{7}{14}$; $2\frac{3}{6}$; $2\frac{1}{2}$	3	0
20.	196	1	0	**40.**	$\frac{28}{27}$ or $1\frac{1}{27}$	3	0

Subtotal 1 ☐ **Subtotal 2** ☐

TOTAL = Subtotal 1 + Subtotal 2 ☐

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Grade 7, Probe 23 Answer Key

Item No.	Answer	Correct	Incorrect	Item No.	Answer	Correct	Incorrect
1.	5	1	0	**21.**	$2\frac{3}{5}$	2	0
2.	16	1	0	**22.**	$\frac{33}{100}$	2	0
3.	$\frac{7}{16}$	2	0	**23.**	4.58	2	0
4.	30	1	0	**24.**	$\frac{77}{100}$	2	0
5.	$\frac{1}{7}$	1	0	**25.**	0.1321	3	0
6.	64	1	0	**26.**	1.17	2	0
7.	8	2	0	**27.**	0.75	2	0
8.	9	1	0	**28.**	$\frac{45}{32}$ or $1\frac{13}{32}$	2	0
9.	$\frac{1}{2}$	1	0	**29.**	0.208	2	0
10.	49	1	0	**30.**	12	3	0
11.	225	1	0	**31.**	$5\frac{7}{12}$	1	0
12.	$\frac{5}{28}$	1	0	**32.**	0.6	2	0
13.	4433	1	0	**33.**	22	3	0
14.	$\frac{1}{3}$	1	0	**34.**	17	2	0
15.	5208	1	0	**35.**	$7\frac{2}{3}$	2	0
16.	8	1	0	**36.**	$4\frac{1}{10}$	2	0
17.	8	2	0	**37.**	0.3	3	0
18.	13	1	0	**38.**	−20	3	0
19.	−11	2	0	**39.**	13 r16; 13.5; $13\frac{16}{32}$; $13\frac{4}{8}$; $13\frac{2}{4}$; $13\frac{1}{2}$	3	0
20.	196	1	0	**40.**	$\frac{56}{54}$; $1\frac{2}{54}$; $1\frac{1}{27}$	3	0

Subtotal 1 ☐ **Subtotal 2** ☐

TOTAL = Subtotal 1 + Subtotal 2 ☐

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Grade 7, Probe 24 Answer Key

Item No.	Answer	Correct	Incorrect	Item No.	Answer	Correct	Incorrect
1.	9	1	0	**21.**	$12\frac{1}{2}$	2	0
2.	36	1	0	**22.**	$\frac{7}{100}$	2	0
3.	$\frac{5}{6}$	2	0	**23.**	5.92	2	0
4.	16	1	0	**24.**	$\frac{39}{100}$	2	0
5.	$\frac{1}{4}$	1	0	**25.**	0.1212	3	0
6.	4	1	0	**26.**	0.19	2	0
7.	$^{-}2$	2	0	**27.**	0.25	2	0
8.	4	1	0	**28.**	$\frac{40}{21}$ or $1\frac{19}{21}$	2	0
9.	$\frac{1}{6}$	1	0	**29.**	0.65	2	0
10.	25	1	0	**30.**	$^{-}10$	3	0
11.	256	1	0	**31.**	$6\frac{4}{9}$	1	0
12.	$\frac{3}{20}$	1	0	**32.**	0.9	2	0
13.	17,759	1	0	**33.**	16	3	0
14.	$\frac{1}{5}$	1	0	**34.**	32	2	0
15.	6550	1	0	**35.**	$1\frac{3}{4}$	2	0
16.	5	1	0	**36.**	$1\frac{2}{15}$	2	0
17.	1	2	0	**37.**	0.6	3	0
18.	11	1	0	**38.**	$^{-}19$	3	0
19.	$^{-}17$	2	0	**39.**	6 r22; 6.4; $6\frac{22}{55}$; $6\frac{2}{5}$	3	0
20.	100	1	0	**40.**	$\frac{63}{45}$; $1\frac{18}{45}$; $1\frac{2}{5}$	3	0

Subtotal 1 ☐ **Subtotal 2** ☐

TOTAL = Subtotal 1 + Subtotal 2 ☐

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Grade 7, Probe 25 Answer Key

Item No.	Answer	Correct	Incorrect	Item No.	Answer	Correct	Incorrect
1.	10	1	0	**21.**	$5\frac{3}{5}$	2	0
2.	64	1	0	**22.**	$\frac{31}{100}$	2	0
3.	$\frac{5}{24}$	2	0	**23.**	3.97	2	0
4.	14	1	0	**24.**	$\frac{7}{100}$	2	0
5.	$\frac{1}{4}$	1	0	**25.**	0.2484	3	0
6.	49	1	0	**26.**	0.65	2	0
7.	7	2	0	**27.**	0.5	2	0
8.	21	1	0	**28.**	$\frac{35}{24}$ or $1\frac{11}{24}$	2	0
9.	$\frac{1}{3}$	1	0	**29.**	0.42	2	0
10.	27	1	0	**30.**	0	3	0
11.	256	1	0	**31.**	$8\frac{5}{7}$	1	0
12.	$\frac{3}{25}$	1	0	**32.**	0.3	2	0
13.	2550	1	0	**33.**	32	3	0
14.	$\frac{1}{8}$	1	0	**34.**	42	2	0
15.	4640	1	0	**35.**	$6\frac{1}{3}$	2	0
16.	32	1	0	**36.**	$5\frac{1}{10}$	2	0
17.	7	2	0	**37.**	0.2	3	0
18.	13	1	0	**38.**	$^{-}10$	3	0
19.	$^{-}15$	2	0	**39.**	17 r16; 17.8; $17\frac{16}{20}$; $17\frac{8}{10}$; $17\frac{4}{5}$	3	0
20.	324	1	0	**40.**	$\frac{45}{30}$; $1\frac{15}{30}$; $1\frac{1}{2}$	3	0

Subtotal 1 ☐ **Subtotal 2** ☐

TOTAL = Subtotal 1 + Subtotal 2 ☐

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Grade 7, Probe 26 Answer Key

Item No.	Answer	Correct	Incorrect	Item No.	Answer	Correct	Incorrect
1.	24	1	0	**21.**	$11\frac{1}{2}$	2	0
2.	25	1	0	**22.**	$\frac{57}{100}$	2	0
3.	$\frac{4}{7}$	2	0	**23.**	7.42	2	0
4.	8	1	0	**24.**	$\frac{3}{100}$	2	0
5.	$\frac{1}{5}$	1	0	**25.**	0.1245	3	0
6.	9	1	0	**26.**	0.22	2	0
7.	$^{-}13$	2	0	**27.**	0.5	2	0
8.	2	1	0	**28.**	$\frac{35}{16}$ or $2\frac{3}{16}$	2	0
9.	$\frac{1}{2}$	1	0	**29.**	0.528	2	0
10.	46	1	0	**30.**	2	3	0
11.	324	1	0	**31.**	$4\frac{5}{12}$	1	0
12.	$\frac{7}{24}$	1	0	**32.**	0.9	2	0
13.	5590	1	0	**33.**	28	3	0
14.	$\frac{1}{5}$	1	0	**34.**	5	2	0
15.	2900	1	0	**35.**	$2\frac{1}{4}$	2	0
16.	21	1	0	**36.**	$4\frac{1}{11}$	2	0
17.	8	2	0	**37.**	1.8	3	0
18.	27	1	0	**38.**	$^{-}32$	3	0
19.	$^{-}25$	2	0	**39.**	3 r28; 3.8; $3\frac{28}{35}$; $3\frac{4}{5}$	3	0
20.	144	1	0	**40.**	$\frac{63}{60}$; $1\frac{3}{60}$; $1\frac{1}{20}$	3	0

Subtotal 1 ☐ **Subtotal 2** ☐

TOTAL = Subtotal 1 + Subtotal 2 ☐

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Grade 7, Probe 27 Answer Key

Item No.	Answer	Correct	Incorrect	Item No.	Answer	Correct	Incorrect
1.	7	1	0	**21.**	$5\frac{1}{5}$	2	0
2.	16	1	0	**22.**	$\frac{13}{100}$	2	0
3.	$\frac{5}{11}$	2	0	**23.**	2.43	2	0
4.	21	1	0	**24.**	$\frac{9}{100}$	2	0
5.	$\frac{1}{3}$	1	0	**25.**	0.1323	3	0
6.	64	1	0	**26.**	2.50	2	0
7.	−8	2	0	**27.**	0.5	2	0
8.	8	1	0	**28.**	$\frac{40}{21}$ or $1\frac{19}{21}$	2	0
9.	$\frac{1}{2}$	1	0	**29.**	0.42	2	0
10.	45	1	0	**30.**	−10	3	0
11.	225	1	0	**31.**	$5\frac{3}{5}$	1	0
12.	$\frac{4}{17}$	1	0	**32.**	0.3	2	0
13.	3320	1	0	**33.**	25	3	0
14.	$\frac{1}{4}$	1	0	**34.**	40	2	0
15.	21,944	1	0	**35.**	$3\frac{1}{5}$	2	0
16.	35	1	0	**36.**	$1\frac{2}{9}$	2	0
17.	4	2	0	**37.**	1.2	3	0
18.	6	1	0	**38.**	−24	3	0
19.	−27	2	0	**39.**	5 r32; 5.8; $5\frac{32}{40}$; $5\frac{16}{20}$; $5\frac{8}{10}$; $5\frac{4}{5}$	3	0
20.	144	1	0	**40.**	$\frac{63}{60}$; $1\frac{3}{60}$; $1\frac{1}{20}$	3	0

Subtotal 1 ☐ **Subtotal 2** ☐

TOTAL = Subtotal 1 + Subtotal 2 ☐

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Grade 7, Probe 28 Answer Key

Item No.	Answer	Correct	Incorrect	Item No.	Answer	Correct	Incorrect
1.	31	1	0	**21.**	$14\frac{1}{2}$	2	0
2.	9	1	0	**22.**	$\frac{27}{100}$	2	0
3.	$\frac{7}{22}$	2	0	**23.**	6.39	2	0
4.	12	1	0	**24.**	$\frac{37}{100}$	2	0
5.	$\frac{1}{11}$	1	0	**25.**	0.3309	3	0
6.	25	1	0	**26.**	0.77	2	0
7.	$^{-}1$	2	0	**27.**	0.25	2	0
8.	38	1	0	**28.**	$\frac{16}{15}$ or $1\frac{1}{15}$	2	0
9.	$\frac{1}{9}$	1	0	**29.**	0.132	2	0
10.	28	1	0	**30.**	$^{-}3$	3	0
11.	400	1	0	**31.**	$9\frac{5}{9}$	1	0
12.	$\frac{5}{12}$	1	0	**32.**	0.1	2	0
13.	5922	1	0	**33.**	22	3	0
14.	$\frac{1}{2}$	1	0	**34.**	19	2	0
15.	13,981	1	0	**35.**	$9\frac{1}{3}$	2	0
16.	23	1	0	**36.**	$6\frac{2}{7}$	2	0
17.	1	2	0	**37.**	0.8	3	0
18.	9	1	0	**38.**	$^{-}20$	3	0
19.	$^{-}30$	2	0	**39.**	11 r11; 11.5; $11\frac{11}{22}$; $11\frac{1}{2}$	3	0
20.	169	1	0	**40.**	$\frac{63}{45}$; $1\frac{18}{45}$; $1\frac{2}{5}$	3	0

Subtotal 1 ☐ **Subtotal 2** ☐

TOTAL = Subtotal 1 + Subtotal 2 ☐

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Grade 7, Probe 29 Answer Key

Item No.	Answer	Correct	Incorrect	Item No.	Answer	Correct	Incorrect
1.	11	1	0	**21.**	$10\frac{1}{2}$	2	0
2.	16	1	0	**22.**	$\frac{17}{100}$	2	0
3.	$\frac{7}{25}$	2	0	**23.**	6.88	2	0
4.	24	1	0	**24.**	$\frac{99}{100}$	2	0
5.	$\frac{1}{9}$	1	0	**25.**	0.2404	3	0
6.	49	1	0	**26.**	1.21	2	0
7.	7	2	0	**27.**	0.75	2	0
8.	38	1	0	**28.**	$\frac{49}{32}$ or $1\frac{17}{32}$	2	0
9.	$\frac{1}{4}$	1	0	**29.**	0.7	2	0
10.	38	1	0	**30.**	$^{-}2$	3	0
11.	289	1	0	**31.**	$8\frac{7}{11}$	1	0
12.	$\frac{6}{25}$	1	0	**32.**	0.5	2	0
13.	3210	1	0	**33.**	30	3	0
14.	$\frac{1}{8}$	1	0	**34.**	20	2	0
15.	2496	1	0	**35.**	$4\frac{2}{5}$	2	0
16.	3	1	0	**36.**	$3\frac{1}{9}$	2	0
17.	-3	2	0	**37.**	2.6	3	0
18.	11	1	0	**38.**	$^{-}30$	3	0
19.	$^{-}18$	2	0	**39.**	6 r10; 6.4; $6\frac{10}{25}$; $6\frac{2}{5}$	3	0
20.	256	1	0	**40.**	$\frac{63}{50}$ or $1\frac{13}{50}$	3	0

Subtotal 1 ☐ **Subtotal 2** ☐

TOTAL = Subtotal 1 + Subtotal 2 ☐

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Grade 7, Probe 30 Answer Key

Item No.	Answer	Correct	Incorrect	Item No.	Answer	Correct	Incorrect
1.	4	1	0	**21.**	$5\frac{3}{4}$	2	0
2.	9	1	0	**22.**	$\frac{19}{100}$	2	0
3.	$\frac{3}{25}$	2	0	**23.**	3.22	2	0
4.	17	1	0	**24.**	$\frac{3}{100}$	2	0
5.	$\frac{1}{5}$	1	0	**25.**	0.336	3	0
6.	36	1	0	**26.**	5.12	2	0
7.	$^{-}8$	2	0	**27.**	0.25	2	0
8.	7	1	0	**28.**	$\frac{35}{16}$ or $2\frac{3}{16}$	2	0
9.	$\frac{1}{3}$	1	0	**29.**	0.303	2	0
10.	40	1	0	**30.**	$^{-}4$	3	0
11.	169	1	0	**31.**	$10\frac{5}{7}$	1	0
12.	$\frac{7}{24}$	1	0	**32.**	0.7	2	0
13.	3850	1	0	**33.**	17	3	0
14.	$\frac{1}{2}$	1	0	**34.**	50	2	0
15.	8190	1	0	**35.**	$2\frac{1}{7}$	2	0
16.	18	1	0	**36.**	$3\frac{1}{5}$	2	0
17.	8	2	0	**37.**	1.2	3	0
18.	6	1	0	**38.**	$^{-}22$	3	0
19.	$^{-}24$	2	0	**39.**	5 r21; 5.5; $5\frac{21}{42}$; $5\frac{7}{14}$; $5\frac{3}{6}$; $5\frac{1}{2}$	3	0
20.	100	1	0	**40.**	$\frac{45}{18}$; $2\frac{9}{18}$; $2\frac{1}{2}$	3	0

Subtotal 1 ☐ **Subtotal 2** ☐

TOTAL = Subtotal 1 + Subtotal 2 ☐

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Reminder: There is **no** partial credit when scoring. The answer must be correct **in its entirety** to obtain the correct score value. Note that the answer key provides the correct answers for each problem, but is not exhaustive. NOTE: Unless a mixed number is specifically requested, a reduced improper fraction may be considered the simplest form and scored as correct. For more information and examples of alternative correct answers, please refer to the Scoring section of the M–COMP manual.

Grade 7, Probe 31 Answer Key

Item No.	Answer	Correct	Incorrect	Item No.	Answer	Correct	Incorrect
1.	3	1	0	**21.**	$4\frac{3}{5}$	2	0
2.	49	1	0	**22.**	$\frac{89}{100}$	2	0
3.	$\frac{4}{5}$	2	0	**23.**	4.93	2	0
4.	7	1	0	**24.**	$\frac{71}{100}$	2	0
5.	$\frac{1}{5}$	1	0	**25.**	0.1235	3	0
6.	16	1	0	**26.**	1.08	2	0
7.	−4	2	0	**27.**	0.75	2	0
8.	11	1	0	**28.**	$\frac{27}{16}$ or $1\frac{11}{16}$	2	0
9.	$\frac{1}{3}$	1	0	**29.**	0.408	2	0
10.	19	1	0	**30.**	−2	3	0
11.	361	1	0	**31.**	$7\frac{6}{7}$	1	0
12.	$\frac{2}{25}$	1	0	**32.**	0.2	2	0
13.	13,902	1	0	**33.**	25	3	0
14.	$\frac{1}{7}$	1	0	**34.**	37	2	0
15.	16,448	1	0	**35.**	$7\frac{1}{3}$	2	0
16.	6	1	0	**36.**	$1\frac{2}{11}$	2	0
17.	4	2	0	**37.**	1.2	3	0
18.	15	1	0	**38.**	−9	3	0
19.	−20	2	0	**39.**	34 r6; 34.5; $34\frac{6}{12}$; $34\frac{2}{4}$; $34\frac{1}{2}$	3	0
20.	121	1	0	**40.**	$\frac{63}{60}$; $1\frac{3}{60}$; $1\frac{1}{20}$	3	0

Subtotal 1 ☐ **Subtotal 2** ☐

TOTAL = Subtotal 1 + Subtotal 2 ☐

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Reminder: There is **no** partial credit when scoring. The answer must be correct **in its entirety** to obtain the correct score value. Note that the answer key provides the correct answers for each problem, but is not exhaustive. NOTE: Unless a mixed number is specifically requested, a reduced improper fraction may be considered the simplest form and scored as correct. For more information and examples of alternative correct answers, please refer to the Scoring section of the M–COMP manual.

Grade 7, Probe 32 Answer Key

Item No.	Answer	Correct	Incorrect	Item No.	Answer	Correct	Incorrect
1.	14	1	0	**21.**	$1\frac{2}{3}$	2	0
2.	36	1	0	**22.**	$\frac{59}{100}$	2	0
3.	$\frac{3}{26}$	2	0	**23.**	1.84	2	0
4.	27	1	0	**24.**	$\frac{87}{100}$	2	0
5.	$\frac{1}{2}$	1	0	**25.**	0.2648	3	0
6.	81	1	0	**26.**	0.17	2	0
7.	4	2	0	**27.**	0.20	2	0
8.	5	1	0	**28.**	$\frac{28}{25}$ or $1\frac{3}{25}$	2	0
9.	$\frac{1}{6}$	1	0	**29.**	0.104	2	0
10.	27	1	0	**30.**	7	3	0
11.	196	1	0	**31.**	$6\frac{2}{11}$	1	0
12.	$\frac{4}{7}$	1	0	**32.**	0.1	2	0
13.	18,550	1	0	**33.**	21	3	0
14.	$\frac{1}{3}$	1	0	**34.**	49	2	0
15.	5520	1	0	**35.**	$7\frac{1}{4}$	2	0
16.	20	1	0	**36.**	$4\frac{1}{14}$	2	0
17.	9	2	0	**37.**	0.4	3	0
18.	1	1	0	**38.**	$^{-}30$	3	0
19.	$^{-}15$	2	0	**39.**	8 r22; 8.4; $8\frac{22}{55}$; $8\frac{2}{5}$	3	0
20.	361	1	0	**40.**	$\frac{81}{10}$; $8\frac{1}{10}$	3	0

Subtotal 1 ☐ **Subtotal 2** ☐

TOTAL = Subtotal 1 + Subtotal 2 ☐

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Grade 7, Probe 33 Answer Key

Item No.	Answer	Correct	Incorrect	Item No.	Answer	Correct	Incorrect
1.	15	1	0	**21.**	$12\frac{1}{2}$	2	0
2.	25	1	0	**22.**	$\frac{61}{100}$	2	0
3.	$\frac{4}{5}$	2	0	**23.**	1.93	2	0
4.	8	1	0	**24.**	$\frac{83}{100}$	2	0
5.	$\frac{1}{7}$	1	0	**25.**	0.2428	3	0
6.	64	1	0	**26.**	1.16	2	0
7.	-4	2	0	**27.**	0.75	2	0
8.	32	1	0	**28.**	$\frac{15}{14}$ or $1\frac{1}{14}$	2	0
9.	$\frac{1}{5}$	1	0	**29.**	0.112	2	0
10.	26	1	0	**30.**	7	3	0
11.	225	1	0	**31.**	$9\frac{5}{9}$	1	0
12.	$\frac{7}{25}$	1	0	**32.**	0.9	2	0
13.	3450	1	0	**33.**	11	3	0
14.	$\frac{1}{3}$	1	0	**34.**	27	2	0
15.	8085	1	0	**35.**	$4\frac{1}{5}$	2	0
16.	4	1	0	**36.**	$3\frac{3}{10}$	2	0
17.	-1	2	0	**37.**	0.5	3	0
18.	23	1	0	**38.**	-12	3	0
19.	-20	2	0	**39.**	8 r24; 8.6; $8\frac{24}{40}$; $8\frac{12}{20}$; $8\frac{6}{10}$; $8\frac{3}{5}$	3	0
20.	169	1	0	**40.**	$\frac{56}{54}$; $1\frac{2}{54}$; $1\frac{1}{27}$	3	0

Subtotal 1 ☐ **Subtotal 2** ☐

TOTAL = Subtotal 1 + Subtotal 2 ☐

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