

GRADE 5 BOOK OF SPRINTS

New York State Common Core
Mathematics Curriculum



Grade 5 • MODULE 2

Multi-Digit Whole Number and Decimal Fraction Operations

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A

Correct _____

Multiply.

1	$9 \times 10 =$		23	$73 \times 1,000 =$	
2	$9 \times 100 =$		24	$60 \times 10 =$	
3	$9 \times 1,000 =$		25	$600 \times 10 =$	
4	$8 \times 10 =$		26	$600 \times 100 =$	
5	$80 \times 10 =$		27	$65 \times 100 =$	
6	$80 \times 100 =$		28	$652 \times 100 =$	
7	$80 \times 1,000 =$		29	$342 \times 100 =$	
8	$7 \times 10 =$		30	$800 \times 100 =$	
9	$70 \times 10 =$		31	$800 \times 1,000 =$	
10	$700 \times 10 =$		32	$860 \times 1,000 =$	
11	$700 \times 100 =$		33	$867 \times 1,000 =$	
12	$700 \times 1,000 =$		34	$492 \times 1,000 =$	
13	$2 \times 10 =$		35	$34 \times 10 =$	
14	$30 \times 10 =$		36	$629 \times 10 =$	
15	$32 \times 10 =$		37	$94 \times 100 =$	
16	$4 \times 10 =$		38	$238 \times 100 =$	
17	$50 \times 10 =$		39	$47 \times 1,000 =$	
18	$54 \times 10 =$		40	$294 \times 1,000 =$	
19	$37 \times 10 =$		41	$174 \times 100 =$	
20	$84 \times 10 =$		42	$285 \times 1,000 =$	
21	$84 \times 100 =$		43	$951 \times 100 =$	
22	$84 \times 1,000 =$		44	$129 \times 1,000 =$	

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B

Improvement _____

Correct _____

Multiply.

1	$8 \times 10 =$		23	$37 \times 1,000 =$	
2	$8 \times 100 =$		24	$50 \times 10 =$	
3	$8 \times 1,000 =$		25	$500 \times 10 =$	
4	$7 \times 10 =$		26	$500 \times 100 =$	
5	$70 \times 10 =$		27	$56 \times 100 =$	
6	$70 \times 100 =$		28	$562 \times 100 =$	
7	$70 \times 1,000 =$		29	$432 \times 100 =$	
8	$6 \times 10 =$		30	$700 \times 100 =$	
9	$60 \times 10 =$		31	$700 \times 1,000 =$	
10	$600 \times 10 =$		32	$760 \times 1,000 =$	
11	$600 \times 100 =$		33	$765 \times 1,000 =$	
12	$600 \times 1,000 =$		34	$942 \times 1,000 =$	
13	$3 \times 10 =$		35	$74 \times 10 =$	
14	$20 \times 10 =$		36	$269 \times 10 =$	
15	$23 \times 10 =$		37	$49 \times 100 =$	
16	$5 \times 10 =$		38	$328 \times 100 =$	
17	$40 \times 10 =$		39	$37 \times 1,000 =$	
18	$45 \times 10 =$		40	$924 \times 1,000 =$	
19	$73 \times 10 =$		41	$147 \times 100 =$	
20	$48 \times 10 =$		42	$825 \times 1,000 =$	
21	$48 \times 100 =$		43	$651 \times 100 =$	
22	$48 \times 1,000 =$		44	$192 \times 1,000 =$	

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Estimate and then multiply.

1	$29 \times 11 \approx$		23	$801 \times 31 \approx$	
2	$29 \times 21 \approx$		24	$803 \times 31 \approx$	
3	$29 \times 31 \approx$		25	$703 \times 31 \approx$	
4	$23 \times 12 \approx$		26	$43 \times 34 \approx$	
5	$23 \times 22 \approx$		27	$53 \times 34 \approx$	
6	$23 \times 32 \approx$		28	$53 \times 31 \approx$	
7	$23 \times 42 \approx$		29	$53 \times 51 \approx$	
8	$37 \times 13 \approx$		30	$93 \times 31 \approx$	
9	$37 \times 23 \approx$		31	$913 \times 31 \approx$	
10	$36 \times 24 \approx$		32	$73 \times 31 \approx$	
11	$24 \times 36 \approx$		33	$723 \times 31 \approx$	
12	$43 \times 11 \approx$		34	$78 \times 34 \approx$	
13	$43 \times 21 \approx$		35	$798 \times 34 \approx$	
14	$403 \times 21 \approx$		36	$62 \times 33 \approx$	
15	$303 \times 21 \approx$		37	$642 \times 33 \approx$	
16	$203 \times 21 \approx$		38	$374 \times 64 \approx$	
17	$41 \times 11 \approx$		39	$64 \times 374 \approx$	
18	$41 \times 21 \approx$		40	$740 \times 36 \approx$	
19	$41 \times 31 \approx$		41	$750 \times 36 \approx$	
20	$401 \times 31 \approx$		42	$65 \times 680 \approx$	
21	$501 \times 31 \approx$		43	$849 \times 84 \approx$	
22	$601 \times 31 \approx$		44	$85 \times 849 \approx$	

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Solve.

1	$5 \times 100 =$		23	$5000 - 50 =$	
2	$500 - 5 =$		24	$50 \times 99 =$	
3	$5 \times 99 =$		25	$80 \times 100 =$	
4	$3 \times 100 =$		26	$80 \times 99 =$	
5	$300 - 3 =$		27	$60 \times 100 =$	
6	$3 \times 99 =$		28	$60 \times 99 =$	
7	$2 \times 100 =$		29	$11 \times 100 =$	
8	$200 - 2 =$		30	$1100 - 11 =$	
9	$2 \times 99 =$		31	$11 \times 99 =$	
10	$6 \times 100 =$		32	$21 \times 100 =$	
11	$600 - 6 =$		33	$2100 - 21 =$	
12	$6 \times 99 =$		34	$21 \times 99 =$	
13	$4 \times 100 =$		35	$31 \times 100 =$	
14	$4 \times 99 =$		36	$31 \times 99 =$	
15	$7 \times 100 =$		37	$71 \times 100 =$	
16	$7 \times 99 =$		38	$71 \times 99 =$	
17	$9 \times 100 =$		39	$42 \times 100 =$	
18	$9 \times 99 =$		40	$42 \times 99 =$	
19	$8 \times 100 =$		41	$53 \times 99 =$	
20	$8 \times 99 =$		42	$64 \times 99 =$	
21	$5 \times 100 =$		43	$75 \times 99 =$	
22	$50 \times 100 =$		44	$97 \times 99 =$	

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A

Correct _____

Multiply.

1	$2 \times 10 =$		23	$33 \times 20 =$	
2	$12 \times 10 =$		24	$33 \times 200 =$	
3	$12 \times 100 =$		25	$24 \times 10 =$	
4	$4 \times 10 =$		26	$24 \times 20 =$	
5	$34 \times 10 =$		27	$24 \times 100 =$	
6	$34 \times 100 =$		28	$24 \times 200 =$	
7	$7 \times 10 =$		29	$23 \times 30 =$	
8	$27 \times 10 =$		30	$23 \times 300 =$	
9	$27 \times 100 =$		31	$71 \times 2 =$	
10	$3 \times 10 =$		32	$71 \times 20 =$	
11	$3 \times 2 =$		33	$14 \times 2 =$	
12	$3 \times 20 =$		34	$14 \times 3 =$	
13	$13 \times 10 =$		35	$14 \times 30 =$	
14	$13 \times 2 =$		36	$14 \times 300 =$	
15	$13 \times 20 =$		37	$82 \times 20 =$	
16	$13 \times 100 =$		38	$15 \times 300 =$	
17	$13 \times 200 =$		39	$71 \times 600 =$	
18	$2 \times 4 =$		40	$18 \times 40 =$	
19	$22 \times 4 =$		41	$75 \times 30 =$	
20	$22 \times 40 =$		42	$84 \times 300 =$	
21	$22 \times 400 =$		43	$87 \times 60 =$	
22	$33 \times 2 =$		44	$79 \times 800 =$	

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B Improvement _____ # Correct _____

Multiply.

1	$3 \times 10 =$		23	$44 \times 20 =$	
2	$13 \times 10 =$		24	$44 \times 200 =$	
3	$13 \times 100 =$		25	$42 \times 10 =$	
4	$5 \times 10 =$		26	$42 \times 20 =$	
5	$35 \times 10 =$		27	$42 \times 100 =$	
6	$35 \times 100 =$		28	$42 \times 200 =$	
7	$8 \times 10 =$		29	$32 \times 30 =$	
8	$28 \times 10 =$		30	$32 \times 300 =$	
9	$28 \times 100 =$		31	$81 \times 2 =$	
10	$4 \times 10 =$		32	$81 \times 20 =$	
11	$4 \times 2 =$		33	$13 \times 3 =$	
12	$4 \times 20 =$		34	$13 \times 4 =$	
13	$14 \times 10 =$		35	$13 \times 40 =$	
14	$14 \times 2 =$		36	$13 \times 400 =$	
15	$14 \times 20 =$		37	$72 \times 30 =$	
16	$14 \times 100 =$		38	$15 \times 300 =$	
17	$14 \times 200 =$		39	$81 \times 600 =$	
18	$2 \times 3 =$		40	$16 \times 40 =$	
19	$22 \times 3 =$		41	$65 \times 30 =$	
20	$22 \times 30 =$		42	$48 \times 300 =$	
21	$22 \times 300 =$		43	$89 \times 60 =$	
22	$44 \times 2 =$		44	$76 \times 800 =$	

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A

Correct _____

Multiply.

1	$3 \times 3 =$		23	$8 \times 5 =$	
2	$0.3 \times 3 =$		24	$0.8 \times 5 =$	
3	$0.03 \times 3 =$		25	$0.08 \times 5 =$	
4	$3 \times 2 =$		26	$0.06 \times 5 =$	
5	$0.3 \times 2 =$		27	$0.06 \times 3 =$	
6	$0.03 \times 2 =$		28	$0.6 \times 5 =$	
7	$2 \times 2 =$		29	$0.06 \times 2 =$	
8	$0.2 \times 2 =$		30	$0.06 \times 7 =$	
9	$0.02 \times 2 =$		31	$0.9 \times 6 =$	
10	$5 \times 3 =$		32	$0.06 \times 9 =$	
11	$0.5 \times 3 =$		33	$0.09 \times 9 =$	
12	$0.05 \times 3 =$		34	$0.8 \times 8 =$	
13	$0.04 \times 3 =$		35	$0.07 \times 7 =$	
14	$0.4 \times 3 =$		36	$0.6 \times 6 =$	
15	$4 \times 3 =$		37	$0.05 \times 5 =$	
16	$5 \times 5 =$		38	$0.6 \times 8 =$	
17	$0.5 \times 5 =$		39	$0.07 \times 9 =$	
18	$0.05 \times 5 =$		40	$0.8 \times 3 =$	
19	$7 \times 4 =$		41	$0.09 \times 6 =$	
20	$0.7 \times 4 =$		42	$0.5 \times 7 =$	
21	$0.07 \times 4 =$		43	$0.12 \times 4 =$	
22	$0.9 \times 4 =$		44	$0.12 \times 9 =$	

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B Improvement _____ # Correct _____

Multiply.

1	$2 \times 2 =$		23	$6 \times 5 =$	
2	$0.2 \times 2 =$		24	$0.6 \times 5 =$	
3	$0.02 \times 2 =$		25	$0.06 \times 5 =$	
4	$4 \times 2 =$		26	$0.08 \times 5 =$	
5	$0.4 \times 2 =$		27	$0.08 \times 3 =$	
6	$0.04 \times 2 =$		28	$0.8 \times 5 =$	
7	$3 \times 3 =$		29	$0.08 \times 2 =$	
8	$0.3 \times 3 =$		30	$0.08 \times 7 =$	
9	$0.03 \times 3 =$		31	$0.9 \times 8 =$	
10	$4 \times 3 =$		32	$0.08 \times 9 =$	
11	$0.4 \times 3 =$		33	$0.9 \times 9 =$	
12	$0.04 \times 3 =$		34	$0.08 \times 8 =$	
13	$0.05 \times 3 =$		35	$0.7 \times 7 =$	
14	$0.5 \times 3 =$		36	$0.06 \times 6 =$	
15	$5 \times 3 =$		37	$0.5 \times 5 =$	
16	$4 \times 4 =$		38	$0.06 \times 8 =$	
17	$0.4 \times 4 =$		39	$0.7 \times 9 =$	
18	$0.04 \times 4 =$		40	$0.08 \times 3 =$	
19	$8 \times 4 =$		41	$0.9 \times 6 =$	
20	$0.8 \times 4 =$		42	$0.05 \times 7 =$	
21	$0.08 \times 4 =$		43	$0.12 \times 6 =$	
22	$0.6 \times 4 =$		44	$0.12 \times 8 =$	

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A

Correct _____

Write in feet and inches.

1	12 in =	ft	in	23	17 in =	ft	in
2	13 in =	ft	in	24	24 in =	ft	in
3	14 in =	ft	in	25	28 in =	ft	in
4	15 in =	ft	in	26	36 in =	ft	in
5	22 in =	ft	in	27	45 in =	ft	in
6	20 in =	ft	in	28	48 in =	ft	in
7	24 in =	ft	in	29	59 in =	ft	in
8	25 in =	ft	in	30	60 in =	ft	in
9	26 in =	ft	in	31	64 in =	ft	in
10	30 in =	ft	in	32	68 in =	ft	in
11	34 in =	ft	in	33	71 in =	ft	in
12	35 in =	ft	in	34	73 in =	ft	in
13	36 in =	ft	in	35	72 in =	ft	in
14	37 in =	ft	in	36	80 in =	ft	in
15	46 in =	ft	in	37	84 in =	ft	in
16	40 in =	ft	in	38	90 in =	ft	in
17	48 in =	ft	in	39	96 in =	ft	in
18	58 in =	ft	in	40	100 in =	ft	in
19	49 in =	ft	in	41	108 in =	ft	in
20	47 in =	ft	in	42	117 in =	ft	in
21	50 in =	ft	in	43	104 in =	ft	in
22	12 in =	ft	in	44	93 in =	ft	in

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B

Improvement _____

Correct _____

Write in feet and inches.

1	120 in =	ft	in	23	16 in =	ft	in
2	12 in =	ft	in	24	24 in =	ft	in
3	13 in =	ft	in	25	29 in =	ft	in
4	14 in =	ft	in	26	36 in =	ft	in
5	20 in =	ft	in	27	42 in =	ft	in
6	22 in =	ft	in	28	48 in =	ft	in
7	24 in =	ft	in	29	59 in =	ft	in
8	25 in =	ft	in	30	60 in =	ft	in
9	26 in =	ft	in	31	63 in =	ft	in
10	34 in =	ft	in	32	67 in =	ft	in
11	30 in =	ft	in	33	70 in =	ft	in
12	35 in =	ft	in	34	73 in =	ft	in
13	36 in =	ft	in	35	72 in =	ft	in
14	46 in =	ft	in	36	77 in =	ft	in
15	37 in =	ft	in	37	84 in =	ft	in
16	40 in =	ft	in	38	89 in =	ft	in
17	48 in =	ft	in	39	96 in =	ft	in
18	49 in =	ft	in	40	99 in =	ft	in
19	58 in =	ft	in	41	108 in =	ft	in
20	47 in =	ft	in	42	115 in =	ft	in
21	50 in =	ft	in	43	103 in =	ft	in
22	12 in =	ft	in	44	95 in =	ft	in

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A

Correct _____

Divide.

1	$30 \div 10 =$	23	$480 \div 4 =$
2	$430 \div 10 =$	24	$480 \div 40 =$
3	$4,300 \div 10 =$	25	$6,300 \div 3 =$
4	$4,300 \div 100 =$	26	$6,300 \div 30 =$
5	$43,000 \div 100 =$	27	$6,300 \div 300 =$
6	$50 \div 10 =$	28	$8,400 \div 2 =$
7	$850 \div 10 =$	29	$8,400 \div 20 =$
8	$8,500 \div 10 =$	30	$8,400 \div 200 =$
9	$8,500 \div 100 =$	31	$96,000 \div 3 =$
10	$85,000 \div 100 =$	32	$96,000 \div 300 =$
11	$600 \div 10 =$	33	$96,000 \div 30 =$
12	$60 \div 3 =$	34	$900 \div 30 =$
13	$600 \div 30 =$	35	$1,200 \div 30 =$
14	$4,000 \div 100 =$	36	$1,290 \div 30 =$
15	$40 \div 2 =$	37	$1,800 \div 300 =$
16	$4,000 \div 200 =$	38	$8,000 \div 200 =$
17	$240 \div 10 =$	39	$12,000 \div 200 =$
18	$24 \div 2 =$	40	$12,800 \div 200 =$
19	$240 \div 20 =$	41	$2,240 \div 70 =$
20	$3,600 \div 100 =$	42	$18,400 \div 800 =$
21	$36 \div 3 =$	43	$21,600 \div 90 =$
22	$3,600 \div 300 =$	44	$25,200 \div 600 =$

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B

Improvement _____

Correct _____

Divide.

1	$20 \div 10 =$	23	$840 \div 4 =$
2	$420 \div 10 =$	24	$840 \div 40 =$
3	$4,200 \div 10 =$	25	$3,600 \div 3 =$
4	$4,200 \div 100 =$	26	$3,600 \div 30 =$
5	$42,000 \div 100 =$	27	$3,600 \div 300 =$
6	$40 \div 10 =$	28	$4,800 \div 2 =$
7	$840 \div 10 =$	29	$4,800 \div 20 =$
8	$8,400 \div 10 =$	30	$4,800 \div 200 =$
9	$8,400 \div 100 =$	31	$69,000 \div 3 =$
10	$84,000 \div 100 =$	32	$69,000 \div 300 =$
11	$900 \div 10 =$	33	$69,000 \div 30 =$
12	$90 \div 3 =$	34	$800 \div 40 =$
13	$900 \div 30 =$	35	$1,200 \div 40 =$
14	$6,000 \div 100 =$	36	$1,280 \div 40 =$
15	$60 \div 2 =$	37	$1,600 \div 400 =$
16	$6,000 \div 200 =$	38	$8,000 \div 200 =$
17	$240 \div 10 =$	39	$14,000 \div 200 =$
18	$24 \div 2 =$	40	$14,600 \div 200 =$
19	$240 \div 20 =$	41	$2,560 \div 80 =$
20	$6,300 \div 100 =$	42	$16,100 \div 700 =$
21	$63 \div 3 =$	43	$14,400 \div 60 =$
22	$6,300 \div 300 =$	44	$37,800 \div 900 =$

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A

Correct _____

Divide.

1	$6 \div 10 =$.	23	$25 \div 50 =$.
2	$6 \div 20 =$.	24	$2.5 \div 50 =$.
3	$6 \div 60 =$.	25	$4.5 \div 50 =$.
4	$8 \div 10 =$.	26	$4.5 \div 90 =$.
5	$8 \div 40 =$.	27	$0.45 \div 90 =$.
6	$8 \div 20 =$	.	28	$0.45 \div 50 =$	.
7	$4 \div 10 =$	.	29	$0.24 \div 60 =$	.
8	$4 \div 20 =$	.	30	$0.63 \div 90 =$	.
9	$4 \div 40 =$	.	31	$0.48 \div 80 =$	.
10	$9 \div 3 =$	.	32	$0.49 \div 70 =$	.
11	$9 \div 30 =$	.	33	$6 \div 30 =$	.
12	$12 \div 3 =$	.	34	$14 \div 70 =$	.
13	$12 \div 30 =$	.	35	$72 \div 90 =$	.
14	$12 \div 40 =$	.	36	$6.4 \div 80 =$	.
15	$12 \div 60 =$	.	37	$0.48 \div 40 =$	.
16	$12 \div 20 =$	.	38	$0.36 \div 30 =$	.
17	$15 \div 3 =$	.	39	$0.55 \div 50 =$	.
18	$15 \div 30 =$.	40	$1.36 \div 40 =$.
19	$15 \div 50 =$.	41	$2.04 \div 60 =$.
20	$18 \div 30 =$.	42	$4.48 \div 70 =$.
21	$24 \div 30 =$.	43	$6.16 \div 80 =$.
22	$16 \div 40 =$.	44	$5.22 \div 90 =$.

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B

Improvement _____

Correct _____

Divide.

1	$4 \div 10 =$.	23	$25 \div 50 =$.
2	$4 \div 20 =$.	24	$2.5 \div 50 =$.
3	$4 \div 40 =$.	25	$3.5 \div 50 =$.
4	$8 \div 10 =$.	26	$3.5 \div 70 =$.
5	$8 \div 20 =$	.	27	$0.35 \div 70 =$	.
6	$8 \div 40 =$	.	28	$0.35 \div 50 =$	.
7	$9 \div 10 =$	.	29	$0.42 \div 60 =$	.
8	$9 \div 30 =$	.	30	$0.54 \div 90 =$	.
9	$9 \div 90 =$	.	31	$0.56 \div 80 =$	.
10	$6 \div 2 =$	.	32	$0.63 \div 70 =$	.
11	$6 \div 20 =$	.	33	$6 \div 30 =$	.
12	$12 \div 2 =$	.	34	$18 \div 90 =$	.
13	$12 \div 20 =$	.	35	$72 \div 80 =$	.
14	$12 \div 30 =$	.	36	$4.8 \div 80 =$	.
15	$12 \div 40 =$	.	37	$0.36 \div 30 =$	.
16	$12 \div 60 =$	.	38	$0.48 \div 40 =$	.
17	$15 \div 5 =$	.	39	$0.65 \div 50 =$	.
18	$15 \div 50 =$.	40	$1.38 \div 30 =$.
19	$15 \div 30 =$.	41	$2.64 \div 60 =$.
20	$21 \div 30 =$.	42	$5.18 \div 70 =$.
21	$27 \div 30 =$.	43	$6.96 \div 80 =$.
22	$36 \div 60 =$.	44	$6.12 \div 90 =$.

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