Grade 5 Book of Sprints

New York State Common Core

Mathematics Curriculum



GRADE 5 • MODULE 5

Addition and Multiplication with Volume and Area

Module Overview	
Topic A: Concepts of Volume	5.A.1
Topic B: Volume and the Operations of Multiplication and Addition	. 5.B.1
Topic C: Area of Rectangular Figures with Fractional Side Lengths	. 5.C.1
Topic D: Drawing, Analysis, and Classification of Two-Dimensional Shapes	. 5.D.1
Module Assessments	. 5.S.1





Correct _____

	Solve.				
1	$\frac{1}{5} \times 2 =$	23		$\frac{5}{6}$ x 12 =	
2	$\frac{1}{5} \times 3 =$	24		$\frac{1}{3} \times 15 =$	
3	$\frac{1}{5} \times 4 =$	25	5	$\frac{2}{2} \times 15 =$	
4	$4 \times \frac{1}{5} =$	26	;	$15 \times \frac{2}{3} =$	
5	$\frac{1}{8} \times 3 =$	27		$\frac{1}{5}$ x 15 =	
6	$\frac{1}{8} \times 5 =$	28	3	$\frac{2}{5} \times 15 =$	
7	$\frac{1}{8} \times 7 =$	29		$\frac{4}{5}$ x 15 =	
8	$7 \times \frac{1}{8} =$	30		$\frac{3}{5}$ x 15 =	
9	$3 \times \frac{1}{10} = $	31		$15 \times \frac{3}{5} =$	
10	$7 \times \frac{1}{10} =$	32	2	$18 \times \frac{1}{6} =$	
11	$\frac{1}{10} \times 7 =$	33	3	$18 \times \frac{5}{6} =$	
12	4 ÷ 2 =	34		$\frac{3}{6}$ x 18 =	
13	$4 \times \frac{1}{2} =$	35	;	$24 \times \frac{1}{4} =$	
14	6 ÷ 3 =	36	5	$\frac{3}{4} \times 24 =$	
15	$\frac{1}{3} \times 6 =$	37	'	$32 \times \frac{1}{8} = $ $32 \times \frac{3}{8} = $	
16	10 ÷ 5 =	38	3	$32 \times \frac{3}{8} =$	
17	$10 \times \frac{1}{5} =$	39		$\frac{5}{8} \times 32 =$	
18	$\frac{1}{3} \times 9 =$	40		$32 \times \frac{7}{8} =$	
19	$\frac{2}{3}$ x 9 =	41		$\frac{5}{9} \times 54 =$	
20	$\frac{1}{4} \times 8 =$	42	!	$63 \times \frac{7}{9} = $ $56 \times \frac{3}{7} = $	
21	$\frac{3}{4} \times 8 =$	43		$56 \times \frac{3}{7} =$	
22	$\frac{1}{6} \times 12 =$	44		$\frac{6}{7} \times 49 =$	

COMMON
CORE

Lesson 3: Date:

Compose and decompose right rectangular prisms using layers. 1/10/14



В		Improvemen	nt		# Correct
	Solve.			_	
1	$\frac{1}{7} \times 2 =$		23	$\frac{3}{4} \times 8 =$	
2	$\frac{1}{7} \times 3 =$	2	24	$\frac{1}{5} \times 15 =$	
3	$\frac{1}{7} \times 4 =$	2	25	$\frac{2}{5} \times 15 =$	
4	$4 \times \frac{1}{7} =$	2	26	$\frac{4}{5}$ x 15 =	
5	$\frac{1}{10} \times 3 =$	2	27	$\frac{3}{5} \times 15 =$	
6	$\frac{1}{10} \times 7 =$	2	28	$15 \times \frac{3}{5} =$	
7	$\frac{1}{10} \times 9 =$	2	29	$\frac{1}{3} \times 15 =$	
8	$9 \times \frac{1}{10} =$	3	30	$\frac{2}{3} \times 15 =$	
9	$3 \times \frac{1}{8} =$	3	31	$15 \times \frac{2}{3} =$	
10	$5 \times \frac{1}{8} =$	3	32	$\frac{3}{24 \times \frac{1}{6}} =$	
11	$\frac{1}{8} \times 5 =$	3	33	$24 \times \frac{5}{6} =$	
12	10 ÷ 5 =	3	34	$\frac{5}{6} \times 24 =$	
13	$10 \times \frac{1}{5} =$	3	35	$20 \times \frac{1}{4} =$	
14	9 ÷ 3 =	3	36	$\frac{3}{4} \times 20 =$	
15	$\frac{1}{3} \times 9 =$	3	37	$24 \times \frac{1}{8} =$	
16	10 ÷ 2 =	3	38	$24 \times \frac{3}{8} =$	
17	$10 \times \frac{1}{2} =$	3	39	$\frac{5}{8} \times 24 =$	
18	$\frac{1}{3} \times 6 =$	4	40	$24 \times \frac{7}{8} =$	
19	$\frac{2}{3} \times 6 =$	4	41	$\frac{5}{9} \times 63 =$	
	1 .			_	

 COMMON
 COMMON
CORF

Lesson 3: Date:

Compose and decompose right rectangular prisms using layers. 1/10/14

42

43

44



 $\frac{1}{6}$ x 12 =

 $\frac{5}{6}$ x 12 =

 $\frac{1}{4} \times 8 =$

20

21

22

Correct _____

Multiply,	but	don'	t simp	olify.
-----------	-----	------	--------	--------

	Multiply, but don't simplify.		
1	$\frac{1}{2} \times \frac{1}{2} =$	23	$\frac{2}{5} \times \frac{5}{3} =$
2	$\frac{1}{2} \times \frac{1}{3} =$	24	$\frac{2}{5} \times \frac{5}{3} = \frac{3}{5} \times \frac{5}{2} = \frac{3}$
3	$\frac{1}{2} \times \frac{1}{4} =$	25	$\frac{1}{3} \times \frac{1}{3} =$
4	$\frac{1}{2} \times \frac{1}{7} =$	26	$\frac{1}{3} \times \frac{2}{3} =$
5	$\frac{1}{2} \times \frac{1}{4} =$ $\frac{1}{2} \times \frac{1}{7} =$ $\frac{1}{7} \times \frac{1}{2} =$	27	$\frac{2}{3} \times \frac{2}{3} =$
6	$\frac{1}{3} \times \frac{1}{2} =$	28	$\frac{2}{3} \times \frac{3}{2} =$
7	$\frac{1}{3} \times \frac{1}{3} =$	29	$\frac{2}{3} \times \frac{4}{3} =$
8	$\frac{1}{3} \times \frac{1}{2} =$ $\frac{1}{3} \times \frac{1}{3} =$ $\frac{1}{3} \times \frac{1}{6} =$ $\frac{1}{3} \times \frac{1}{5} =$ $\frac{1}{5} \times \frac{1}{3} =$ $\frac{1}{5} \times \frac{2}{3} =$ $\frac{2}{5} \times \frac{2}{3} =$	30	$ \frac{1}{3} \times \frac{1}{3} = \frac{1}{3} \times \frac{2}{3} = \frac{1}{3} \times \frac{2}{3} = \frac{2}{3} \times \frac{2}{3} = \frac{2}{3} \times \frac{3}{2} = \frac{2}{3} \times \frac{4}{3} = \frac{2}{3} \times \frac{5}{3} = \frac{3}{2} \times \frac{3}{5} = \frac{3}{4} \times \frac{1}{5} = \frac{3}{4} \times \frac{4}{5} = \frac{3}{4} \times \frac{5}{5} = \frac{3}{4} \times \frac{6}{5} = \frac{3}{4} \times \frac{6}{4} = \frac{6}{4} \times \frac{6}{4} \times \frac{6}{4} = \frac{6}{4} \times 6$
9	$\frac{1}{3} \times \frac{1}{5} =$	31	$\frac{3}{2} \times \frac{3}{5} =$
10	$\frac{1}{5} \times \frac{1}{3} =$	32	$\frac{3}{4} \times \frac{1}{5} =$
11	$\frac{1}{5} \times \frac{2}{3} =$	33	$\frac{3}{4} \times \frac{4}{5} =$
12	$\frac{2}{5} \times \frac{2}{3} =$	34	$\frac{3}{4} \times \frac{5}{5} =$
13	$\frac{1}{4} \times \frac{1}{3} =$	35	$\frac{3}{4} \times \frac{6}{5} =$
14	$\frac{1}{4} \times \frac{1}{3} =$ $\frac{1}{4} \times \frac{2}{3} =$ $\frac{3}{4} \times \frac{2}{3} =$	36	$\frac{1}{4} \times \frac{6}{5} =$
15	$\frac{3}{4} \times \frac{2}{3} =$	37	$\frac{1}{7} \times \frac{1}{7} =$
16	$\frac{1}{6} \times \frac{1}{3} =$	38	$ \frac{1}{4} \times \frac{6}{5} = \frac{1}{7} \times \frac{1}{7} = \frac{1}{8} \times \frac{3}{5} = \frac{5}{6} \times \frac{1}{4} = \frac{3}{4} \times \frac{3}{4} 3$
17	$\frac{5}{6} \times \frac{1}{3} =$ $\frac{5}{6} \times \frac{2}{3} =$	39	$\frac{5}{6} \times \frac{1}{4} =$
18	$\frac{5}{6} \times \frac{2}{3} =$	40	$\frac{3}{4} \times \frac{3}{4} =$
19	$\frac{5}{4} \times \frac{2}{3} =$	41	$\frac{2}{3} \times \frac{6}{6} =$
20	$\frac{1}{5} \times \frac{1}{5} =$	42	$\frac{3}{4} \times \frac{6}{2} =$
21	$\frac{2}{5} \times \frac{2}{5} =$	43	$\frac{7}{8} \times \frac{7}{9} =$
22	$\frac{1}{5} \times \frac{1}{5} =$ $\frac{2}{5} \times \frac{2}{5} =$ $\frac{2}{5} \times \frac{3}{5} =$	44	$\frac{2}{3} \times \frac{6}{6} = \frac{2}{3} \times \frac{6}{6} = \frac{3}{4} \times \frac{6}{2} = \frac{7}{8} \times \frac{7}{9} = \frac{7}{12} \times \frac{9}{8} = \frac{7}{12} \times \frac{9}{12} \times \frac{9}{12} = \frac{9}{12} \times \frac{9}{12} \times \frac{9}{12} = $



Lesson 7:

Solve word problems involving the volume of rectangular prisms with whole number edge lengths.



В		Improvement	# Correct
	Multiply, but don't simplify.		

	Multiply, but don't simplify.	improvement_		# OOITCOL
1	$\frac{1}{2} \times \frac{1}{3} =$	23	$\frac{3}{5} \times \frac{5}{4} =$	
2	$\frac{1}{2} \times \frac{1}{4} =$ $\frac{1}{2} \times \frac{1}{5} =$	24	$\frac{3}{5} \times \frac{5}{4} = \frac{4}{5} \times \frac{5}{3} = \frac{1}{4} \times \frac{1}{4} = \frac{1}{4} \times \frac{3}{4} = \frac{3}{4} \times \frac{3}{4} = \frac{3}{4} \times \frac{4}{3} = \frac{3}{4} \times \frac{5}{4} = \frac{3}{4} \times \frac{6}{4} = \frac{2}{3} \times \frac{1}{5} = \frac{2}{3} \times \frac{4}{5} = \frac{2}{3} \times \frac{5}{5} = \frac{2}{3} \times \frac{5}{3} = \frac{2}$	
3	$\frac{1}{2} \times \frac{1}{5} =$	25	$\frac{1}{4} \times \frac{1}{4} =$	
4	$\frac{1}{2} \times \frac{1}{9} =$	26	$\frac{1}{4} \times \frac{3}{4} =$	
5	$\frac{1}{9} \times \frac{1}{2} =$	27	$\frac{3}{4} \times \frac{3}{4} =$	
6	$\frac{1}{5} \times \frac{1}{2} =$ $\frac{1}{5} \times \frac{1}{3} =$	28	$\frac{3}{4} \times \frac{4}{3} =$	
7	$\frac{1}{5} \times \frac{1}{3} =$	29	$\frac{3}{4} \times \frac{5}{4} =$	
8	$\frac{1}{5} \times \frac{1}{7} =$	30	$\frac{3}{4} \times \frac{6}{4} =$	
9	$\frac{1}{5} \times \frac{1}{3} = \frac{1}{3} \times \frac{1}{5} = \frac{1}{3} \times \frac{2}{5} = \frac{2}{3} \times \frac{2}{3} \times \frac{2}{5} = \frac{2}{3} \times \frac{2}{3} \times \frac{2}{3} \times \frac{2}{3} = \frac{2}{3} \times \frac{2}{3} \times \frac{2}{3} \times \frac{2}{3} = \frac{2}{3} \times \frac{2}{3} \times \frac{2}{3} \times \frac{2}{3} \times \frac{2}{3} \times \frac{2}{3} = \frac{2}{3} \times \frac{2}$	31	$\frac{4}{3} \times \frac{4}{6} =$	
10	$\frac{1}{3} \times \frac{1}{5} =$	32	$\frac{2}{3} \times \frac{1}{5} =$	
11	$\frac{1}{3} \times \frac{2}{5} =$	33	$\frac{2}{3} \times \frac{4}{5} =$	
12	$\frac{2}{3} \times \frac{2}{5} =$	34	$\frac{2}{3} \times \frac{5}{5} =$	
13	$\frac{1}{3} \times \frac{1}{4} =$	35	$\frac{2}{3} \times \frac{6}{5} =$	
14	$\frac{1}{3} \times \frac{1}{4} = \frac{1}{3} \times \frac{3}{4} = \frac{2}{3} \times \frac{3}{4} = \frac{2}$	36	$\frac{1}{3} \times \frac{6}{5} =$	
15	$\frac{2}{3} \times \frac{3}{4} =$	37	$\frac{1}{9} \times \frac{1}{9} =$ $\frac{1}{5} \times \frac{3}{8} =$	
16	$\frac{1}{3} \times \frac{1}{6} =$	38	$\frac{1}{5} \times \frac{3}{8} =$	
17	$\frac{2}{3} \times \frac{1}{6} =$	39	$\frac{3}{4} \times \frac{1}{6} =$	
18	$\frac{2}{3} \times \frac{3}{6} =$	40	$\frac{2}{3} \times \frac{2}{3} =$	
19	$\frac{2}{3} \times \frac{1}{6} = \frac{2}{3} \times \frac{5}{6} = \frac{3}{2} \times \frac{3}{4} = \frac{1}{5} \times \frac{1}{5} = \frac{3}{5} \times \frac{3}{5} = \frac{3}$	41	$\frac{3}{4} \times \frac{1}{6} = \frac{2}{3} \times \frac{2}{3} = \frac{3}{4} \times \frac{8}{8} = \frac{2}{3} \times \frac{6}{3} = \frac{6}{7} \times \frac{8}{9} = \frac{7}{12} \times \frac{8}{7} = \frac{7}{12} \times \frac{8}{12} \times \frac{1}{12} \times$	
20	$\frac{1}{5} \times \frac{1}{5} =$	42	$\frac{2}{3} \times \frac{6}{3} = \frac{2}{3}$	
21	$\frac{5}{5} \times \frac{5}{5} =$	43	$\frac{3}{7} \times \frac{3}{9} =$	
22	$\frac{3}{5} \times \frac{4}{5} =$	44	$\frac{7}{12} \times \frac{3}{7} =$	



Lesson 7:

Date:

Solve word problems involving the volume of rectangular prisms with whole number edge lengths.

engage^{ny} 1/10/14

Correct

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



Lesson 11:

Date:

Find the area of rectangles with mixed-by-mixed and fraction-byfraction side lengths by tiling, record by drawing, and relate to fraction multiplication.



5.C.21

1/10/14

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



Lesson 11:

Date:

Find the area of rectangles with mixed-by-mixed and fraction-byfraction side lengths by tiling, record by drawing, and relate to fraction multiplication.



Α	Divide.			Correct
1	$\frac{1}{2} \div 2 =$	23	$4 \div \frac{1}{4} =$	
2	$\frac{1}{2} \div 3 =$	24	$\frac{1}{3} \div 3 =$	
3	$\frac{1}{2} \div 4 =$	25	$\frac{2}{3} \div 3 =$	
4	$\frac{1}{2} \div 7 =$	26	$\frac{1}{4} \div 2 =$	
5	$7 \div \frac{1}{2} =$	27	$\frac{3}{4} \div 2 =$	
6	$6 \div \frac{1}{2} =$	28	$\frac{1}{5} \div 2 =$	
7	$5 \div \frac{1}{2} =$	29	$\frac{3}{5} \div 2 =$	
8	$3 \div \frac{1}{2} =$	30	$\frac{1}{6} \div 2 =$	
9	$2 \div \frac{1}{5} =$	31	$\frac{5}{6} \div 2 =$	
10	$3 \div \frac{1}{5} =$	32	$\frac{5}{6} \div 3 =$	
11	$4 \div \frac{1}{5} =$	33	$\frac{1}{6} \div 3 =$	
12	$7 \div \frac{1}{5} =$	34	$3 \div \frac{1}{6} =$	
13	$\frac{1}{5} \div 7 =$	35	$6 \div \frac{1}{6} =$	
14	$\frac{1}{2} \div 2 =$	36	$7 \div \frac{1}{7} =$	
15	$2 \div \frac{1}{3} =$	37	$8 \div \frac{1}{8} =$	
16	$\frac{1}{4} \div 2 =$	38	$9 \div \frac{1}{9} =$	
17	$2 \div \frac{1}{4} =$	39	$\frac{1}{9} \div 7 =$	
18	$\frac{1}{5} \div 2 =$	40	$9 \div \frac{1}{8} =$	
19	$2 \div \frac{1}{5} =$	41	$\frac{1}{9} \div 7 =$	
20	$3 \div \frac{1}{4} =$	42	$7 \div \frac{1}{6} =$	
21	$\frac{1}{4} \div 3 =$	43	$9 \div \frac{1}{7} =$	
22	$\frac{1}{4} \div 4 =$	44	$\frac{1}{8} \div 9 =$	



Lesson 18:

1/10/14

Date:

Draw rectangles and rhombuses to clarify their attributes, and define rectangles and rhombuses based on those attributes.

5.D.39

В	Divide.	Improvement	
1	$\frac{1}{2} \div 2 =$	23	$3 \div \frac{1}{3} =$
2	$\frac{1}{5} \div 3 =$	24	$\frac{1}{4} \div 4 =$
3	$\frac{1}{5} \div 4 =$	25	$\frac{3}{4} \div 4 =$
4	$\frac{1}{5} \div 7 =$	26	$\frac{1}{3} \div 3 =$
5	$7 \div \frac{1}{5} =$	27	$\frac{2}{3} \div 3 =$
6	$6 \div \frac{1}{5} =$	28	$\frac{1}{6} \div 2 =$
7	$5 \div \frac{1}{5} =$	29	$\frac{5}{6} \div 2 =$
8	$3 \div \frac{1}{5} =$	30	$\frac{1}{5} \div 5 =$
9	$2 \div \frac{1}{2} =$	31	$\frac{3}{5} \div 5 =$
10	$3 \div \frac{1}{2} =$	32	$\frac{3}{5} \div 4 =$
11	$4 \div \frac{1}{2} =$	33	$\frac{1}{5} \div 6 =$
12	$7 \div \frac{1}{2} =$	34	$6 \div \frac{1}{5} =$
13	$\frac{1}{2} \div 7 =$	35	$6 \div \frac{1}{4} =$
14	$\frac{1}{4} \div 2 =$	36	$7 \div \frac{1}{6} =$
15	$2 \div \frac{1}{4} =$	37	$8 \div \frac{1}{7} =$
16	$\frac{1}{3} \div 2 =$	38	$9 \div \frac{1}{8} =$
17	$2 \div \frac{1}{3} =$	39	$\frac{1}{2} \div 8 =$
18	$\frac{1}{2} \div 2 =$	40	$9 \div \frac{1}{9} =$
19	$2 \div \frac{1}{2} =$	41	$\frac{1}{-} \div 8 =$
20	$2 \div \frac{1}{2} =$ $4 \div \frac{1}{3} =$	42	$7 \div \frac{1}{7} =$
21	$\frac{1}{3} \div 4 =$	43	$9 \div \frac{1}{6} =$
22	$\frac{1}{3} \div 3 =$	44	$\frac{1}{8} \div 6 =$



Lesson 18:

Date:

Draw rectangles and rhombuses to clarify their attributes, and define rectangles and rhombuses based on those attributes.



5.D.40

Multiply.

Correct ____

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



Lesson 19:

Date:

Draw kites and squares to clarify their attributes, and define kites and squares based on those attributes.

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



Lesson 19:

Date:

Draw kites and squares to clarify their attributes, and define kites and squares based on those attributes.

1/10/14

Correct _____

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



Lesson 21:

Date:

Draw and identify varied two-dimensional figures from given attributes.

1/10/14

engage^{ny}

В	Improvement	# Correct	
Divide.			

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



Lesson 21:

Date:

Draw and identify varied two-dimensional figures from given attributes.

1/10/14





Learning Resources CoSer 501 Educational Media



Equal Opportunity Notice

CA BOCES hereby advises students, parents, employees and the general public that it offers employment, programs and educational opportunities, including vocational education opportunities, without regard to gender, race, color, national origin, handicap or any other legally protected status. Inquiries regarding this non-discrimination policy and grievance procedures may be directed to:

Human Resources Director, Cattaraugus-Allegany BOCES, 1825 Windfall Road, Olean, NY 14760; 716-376-8237.