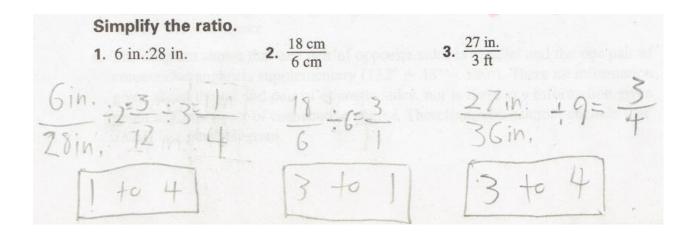
This assignment covers the following Educational Objectives (Subjects marked with a " \blacksquare " are the main subject, and those marked with an " \square " are secondary subjects):

■ Geometry

Solve the following problems. Use a pencil.



Solve the proportion.

7.
$$\frac{x}{2} = \frac{7}{14}$$

8. $\frac{5}{7} = \frac{y+1}{21}$
 $\times \cdot | 4 = 2 \cdot 7$
 $\times \cdot | 4 = 14$
 $\times = 1$

9. $\frac{27}{x-5} = \frac{3}{2}$
 $27 \cdot 2 = (\times -5) \cdot 3$
 $54 = 3(\times -5)$
 $18 = \times -5$
 $23 = \times$

Find the area of the rhombus.

8.

8 m

14 m

16 m

17 m

18 m

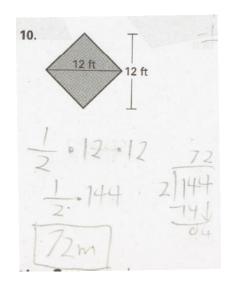
19 m

19 m

19 m

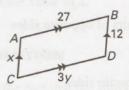
10 m

10

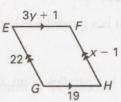


Find the values of x and y in the parallelogram.

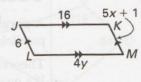
1.



2.



3.



 $3x = 27 \times = 12$ $3x = 27 \times = 12$ 4x = 94x = 12

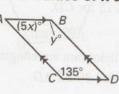
 $39+1=19 \times -1=27$ 1-1-1+1+1 37-18=23 18-3=23

 $\frac{1}{4} + \frac{1}{4} = \frac{1}{4} - \frac{1}{5} = \frac{1}{5}$

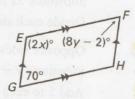
y = 6, X = 23 y = 4

Find the values of x and y in the parallelogram.

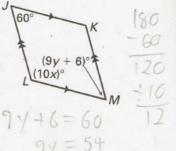
4.



5.



6.



180 -135 45 -5 9

180.

$$y = 54$$

 $y = 6$
 $x = 12$