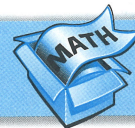


LESSON  
**6•6**

**Math Boxes**



1. Solve. Simplify your answers.

a. \_\_\_\_\_ =  $8 \div 10\frac{2}{3}$

b.  $4\frac{1}{2} \div 1\frac{5}{7} =$  \_\_\_\_\_

c. \_\_\_\_\_ =  $7\frac{3}{10} \div 5$



2. Multiply or divide.

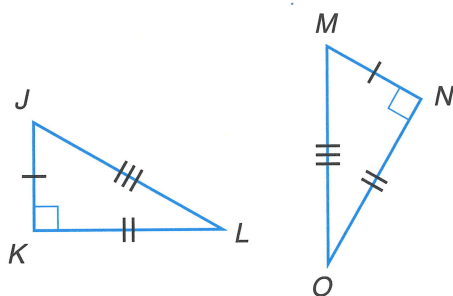
a.  $-10(-14.35) =$  \_\_\_\_\_

b.  $4 * 3 * (-5) =$  \_\_\_\_\_

c. \_\_\_\_\_ =  $\frac{280}{-4}$



3. Triangles *JKL* and *MNO* are congruent.

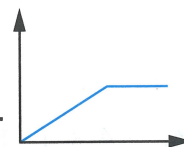


Which side corresponds with  $\overline{JL}$ ?

\_\_\_\_\_



4. Label the axes of this mystery graph and describe a situation it might represent.



x-axis \_\_\_\_\_

y-axis \_\_\_\_\_

Situation \_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_



5. Two dice are tossed. Some possible outcomes appear in the table below.

Complete the table.

(1,1)	(1,2)	(1,3)	(1,4)	(1,5)	(1,6)
			(3,4)		
(4,1)					
				(6,5)	

a. How many equally likely outcomes are there? \_\_\_\_\_

b. What is the probability of tossing a multiple of 2 on both dice? \_\_\_\_\_

c. What is the probability of tossing a composite number on the first die and a prime number on the second die? \_\_\_\_\_

