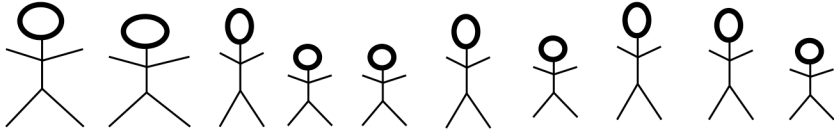Name _____   Date _____
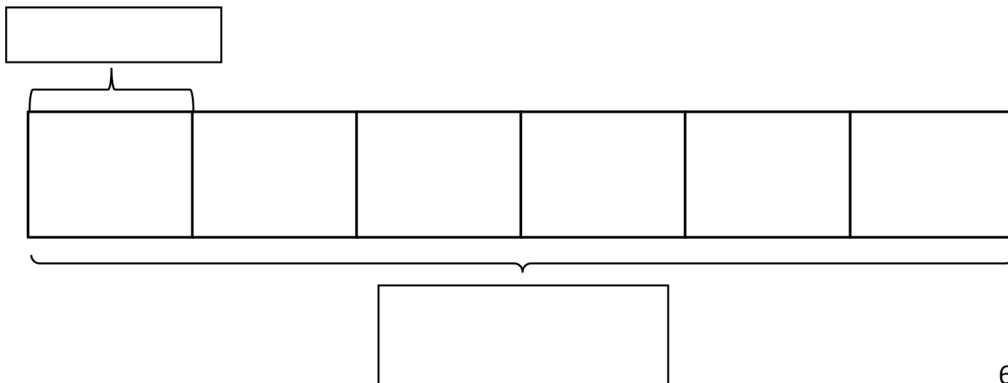
1. Ten people wait in line for the roller coaster. Two people sit in each car. Circle to find the total number of cars needed.

$$10 \div 2 = _____$$

There are _____ cars needed.

2. Mr. Ramirez divides 12 frogs equally into 6 groups for students to study. Draw frogs to find the number in each group. Label known and unknown information on the tape diagram to help you solve.
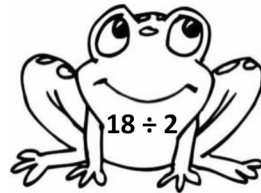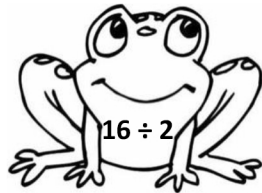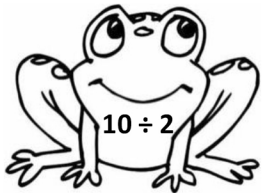

$$6 \times _____ = 12$$

$$12 \div 6 = _____$$

There are _____ frogs in each group.

3. Match.

10 ÷ 2   16 ÷ 2   18 ÷ 2   14 ÷ 2

8   7   5   9

4. Betsy pours 16 cups of water to equally fill 2 bottles. How many cups of water are in each bottle? Label the tape diagram to represent the problem, including the unknown.
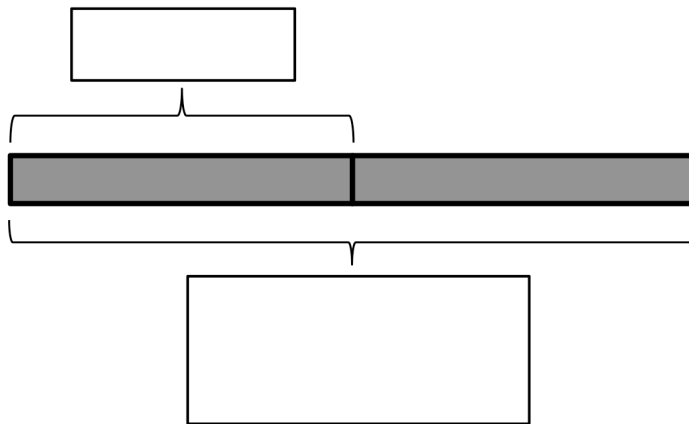
There are _____ cups of water in each bottle.

5. An earthworm tunnels 2 centimeters into the ground each day. The earthworm tunnels at about the same pace every day. How many days will it take the earthworm to tunnel 14 centimeters?

6. Sebastian and Teshawn go to the movies. The tickets cost $16 in total. The boys share the cost equally. How much does Teshawn pay?

1. 5 groups of 2 people circled; 5; 5

2. 2 frogs drawn in each group;

    labels will vary; 2

3. First frog matched to 5

    Second frog matched to 8

    Third frog matched to 9

    Fourth frog matched to 7

4. 8; labels will vary.

5. 7

6. $8