

# SEQUENTIAL DIVISION INVENTORY

Student Name: \_\_\_\_\_

School: \_\_\_\_\_ Grade: \_\_\_\_\_



1. Draw a picture. Write the number sentence and solve.

Juan wants to give 3 of his friends his collection of 24 baseball cards. If he gives each of them the same number, how many cards will he give each of his friends?

2. Draw a picture. Write the number sentence and solve.

Charles is sending raffle tickets to each of the 6 members of his sales committee. If Charles has 42 packets of tickets to send, how many packets will he send to each of the committee members?

3. Draw a picture. Write the number sentence and solve.

A worker has 18 auto parts to package. If the worker can only put 3 parts in each box, how many boxes will the worker need?

4. Draw a picture. Write the number sentence and solve.

Kelly has 36 chocolate chip cookies to share. If she gives 4 cookies to each girl in her scout troop, how many girls will get cookies?

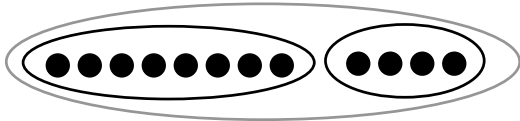
5. Draw a picture of each number sentence.

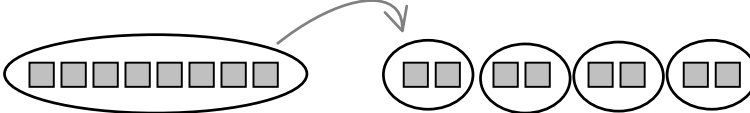
a.  $\frac{12}{3}$

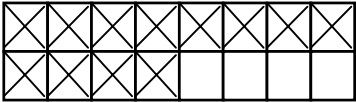
b.  $2 \sqrt{10}$

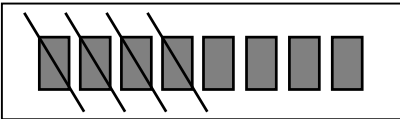
c.  $18 \div 3 = ?$

6. Circle the picture that shows this problem:  $4 \sqrt{8}$

a. 

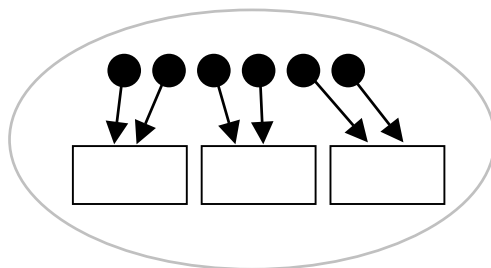
b. 

c. 

d. 

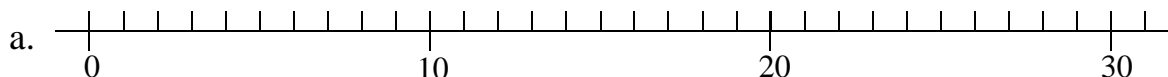
7. In the number sentence and picture the number 3 tells us:

$$3 \overline{)6}$$



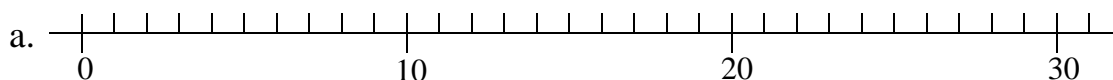
- a. how many dots are in each group.
- b. the total number of dots.
- c. how many groups.

8. Draw on the number line below to show  $28 \div 4 = ?$



b. How much is  $28 \div 4 = ?$  \_\_\_\_\_

9. Draw on the number line below to show  $6 \overline{)30}$



b. How much is  $6 \overline{)30}$

10. Complete the following:

a.  $12 \div 4 =$  \_\_\_\_\_

b. \_\_\_\_\_  $\times 4 = 12$

c.  $12 \div$  \_\_\_\_\_  $= 4$

11. Complete:

a.  $3 \div 3 = \underline{\hspace{2cm}}$

b.  $0 \div 3 = \underline{\hspace{2cm}}$

12. Fill in the box

a.  $\square \div 2 = 3$

b.  $28 \div \square = 4$

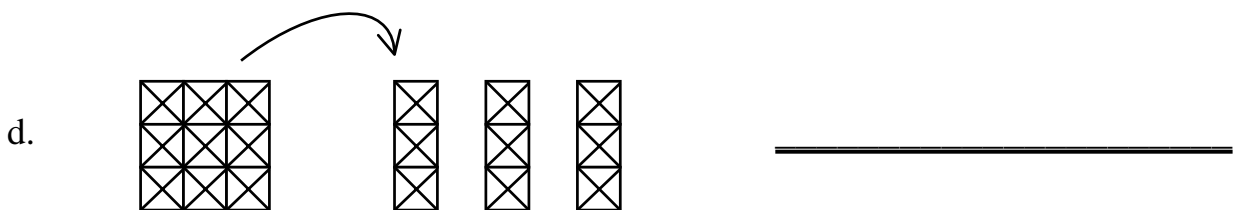
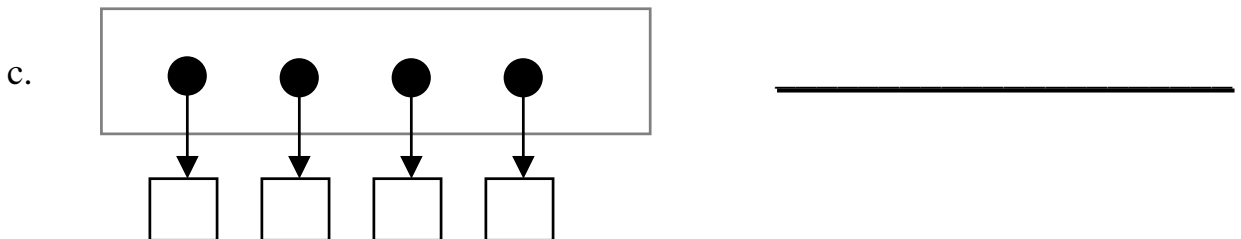
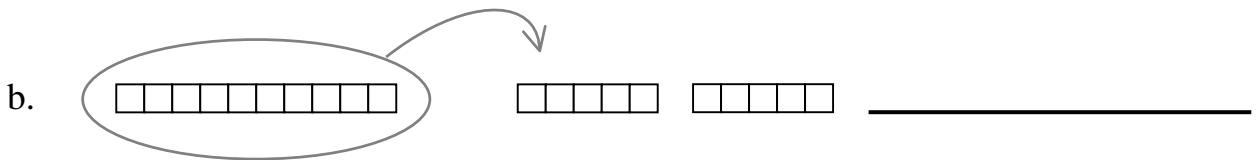
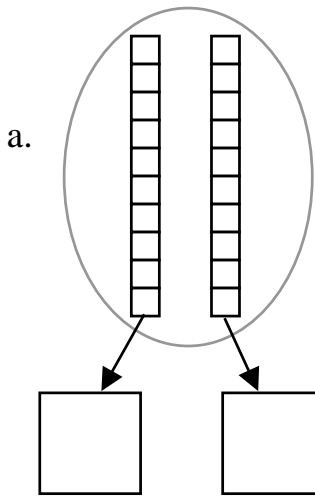
13. Read the sentence and write the division problem in three different ways.

Example:

Six divided by three	$3\overline{)6}$	$6 \div 3 =$	$\frac{6}{3}$
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a. How many fives in 20?			
b. 6 goes into 42			
c. 105 divided by 15			
d. 18 divided into 3 equal groups			

14. Write the division sentence for each picture.



15.      a.  $3\sqrt{18}$       b.  $5\sqrt{35}$       c.  $9\sqrt{72}$       d.  $8\sqrt{80}$

16.      a.  $4\sqrt{184}$       b.  $3\sqrt{126}$       c.  $3\sqrt{906}$       d.  $9\sqrt{9090}$

17.      a.  $7\sqrt{91}$       b.  $8\sqrt{128}$       c.  $4\sqrt{3060}$       d.  $5\sqrt{8005}$



18.      a.  $27\overline{)81}$       b.  $17\overline{)139}$       c.  $16\overline{)3408}$       d.  $14\overline{)2907}$

19.      a.  $56 \div 7 = \underline{\hspace{2cm}}$       b.  $76 \div \square = 19$       c.  $\frac{108}{12} = \underline{\hspace{2cm}}$