

Division

1. Calculate using simple division facts:

$$a.) \quad 49 \div 7 = 7$$

$$d.) \quad 20 \div 5 = 4$$

$$b.) \quad 72 \div 8 = 9$$

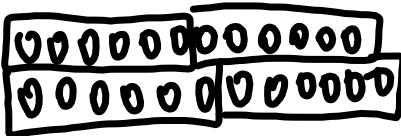
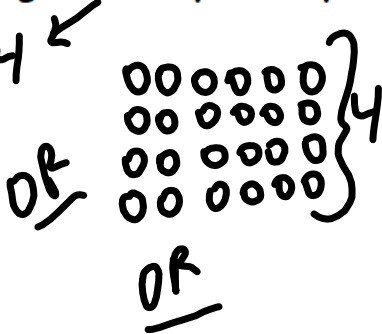
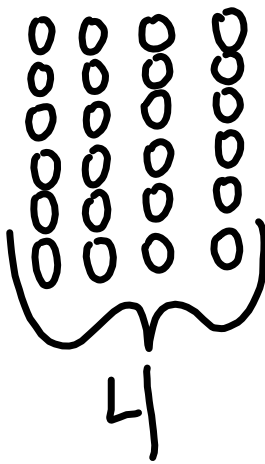
$$e.) \quad 7 \div 7 = 1$$

$$c.) \quad 36 \div 4 = 9$$

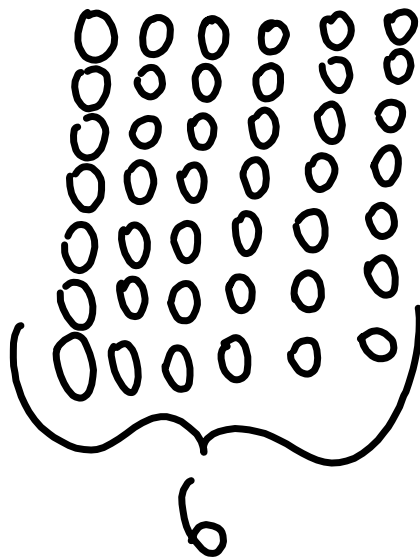
$$f.) \quad 18 \div 3 = 6$$

2. Solve by drawing an array to represent the division equations.

a.) $24 \div 6 = 4$

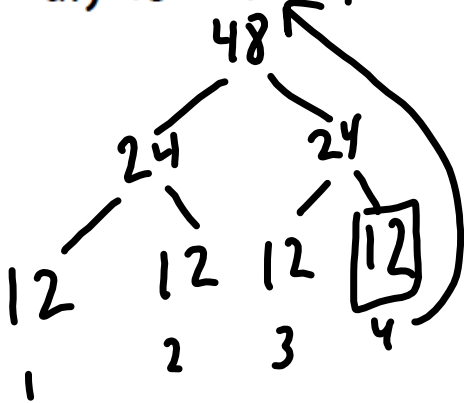


b.) $42 \div 7 = 6$



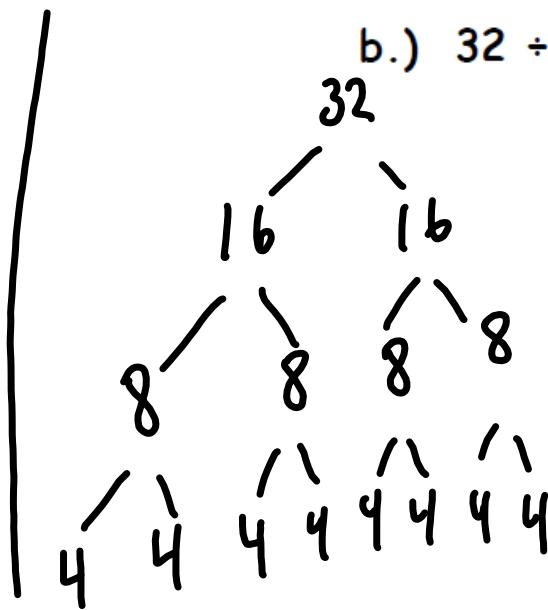
3. Use the halving strategy to divide.

a.) $48 \div 4 = 12$



$15 + 1 = 16$

b.) $32 \div 8 = 4$



4. a.) Use the known fact $7 \times 8 = 56$, to find $56 \div 8 = \underline{7}$

b.) Use the known fact $6 \times 6 = 36$, to find $36 \div 6 = \underline{6}$

5. State two multiplication and two division facts for each:

a.) 18

- $3 \times 6 = 18$
- $6 \times 3 = 18$
- $18 \div 3 = 6$
- $18 \div 6 = 3$

b.) 30

- $30 \div 3 = 10$
- $30 \div 10 = 3$
- $3 \times 10 = 30$
- $10 \times 3 = 30$

6. Solve using either the long division method or the subtraction method of division to solve the following method.

Subt $b \times 10 = b0$

$$\begin{array}{r}
 6 \overline{) 366} \\
 \underline{- 180} \quad 30 \\
 186 \\
 \underline{- 180} \quad 30 \\
 006 \\
 \underline{- 6} \quad 1 \\
 0 \text{ R}
 \end{array}$$

a.) $6 \overline{) 366}$

$$\begin{array}{r}
 60 \\
 120 \\
 180
 \end{array}$$

LD

$$\begin{array}{r}
 6 \overline{) 366} \\
 \underline{- 0} \quad 2 \\
 36 \\
 \underline{- 36} \quad \swarrow \\
 06 \\
 \underline{- 6} \\
 0 \text{ R}
 \end{array}$$

Sub

$$\begin{array}{r}
 49 \\
 5 \overline{) 246} \\
 \underline{- 100} \quad 20 \\
 146 \\
 \underline{- 100} \quad 20 \\
 046 \\
 \underline{- 45} \quad 9 \\
 001 \text{ R}
 \end{array}$$

b.) $5 \overline{) 246}$

$5 \times 10 = 50$
100

LD

$$\begin{array}{r}
 049 \\
 5 \overline{) 246} \\
 \underline{- 0} \quad \downarrow \\
 24 \\
 \underline{- 20} \quad \downarrow \\
 046 \\
 \underline{- 45} \\
 1 \text{ R}
 \end{array}$$

7. Answer the word problems using the division method of your choice.

a) Anne received a \$392 gift card for Future Shop at her birthday party. Her 4 friends all went in evenly on this gift card. How much did each of her friends contribute?

Equal $392 \div 4$

(LD)

$$\begin{array}{r}
 098 \\
 4 \overline{) 392} \\
 \underline{-0} \\
 39 \\
 \underline{-36} \\
 030 \\
 \underline{-32} \\
 0
 \end{array}$$

OR

Each friend Contributed \$98 with 0 kft over.

b.) At the annual Spring fair there were 907 prizes won at the duck pond. If the fair lasted 3 hours, about how many prizes were won each hour?

$$\begin{array}{r}
 \textcircled{302} \\
 3 \overline{) 907} \\
 \underline{- 300} \quad 100 \\
 607 \\
 \underline{- 300} \quad 100 \\
 307 \\
 \underline{- 300} \quad 100 \\
 007 \\
 \underline{- 6} \quad 2 \\
 1 \text{ R}
 \end{array}$$

$$\begin{array}{r}
 3 \times 10 = 30 \\
 \times 10 \\
 \hline
 300
 \end{array}$$

$$907 \div 3 = ?$$

We will win about
302 prizes per hour.