

Lesson 117 1 of 8

Recognizing multiples

Learning division facts with dividends to 30 and multiples of 10 (to 90), 11 (to 99) and 12 (to 48)



A **multiple** is the result of multiplying two numbers.

Some multiples of 2 are 2, 4, 6, 8, 10 and so on.

Multiples of 5 are 5, 10, 15, 20, 25 and so on.

There are many more multiples.

① Which set shows multiples of 4?

(6, 10, 14, 18) (8, 12, 16, 20)

(8, 10, 12, 14) (4, 6, 10, 14)

② Which set shows multiples of 3?

(6, 12, 14, 17) (7, 10, 13, 16)

(9, 12, 15, 18) (3, 11, 14, 18)

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(8, 12, 16, 20)

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(4, 6, 10, 14)

② Which set shows multiples of 3?

(6, 12, 14, 17)

(7, 10, 13, 16)

(9, 12, 15, 18)

(3, 11, 14, 18)

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- ③ Jack can buy chocolates in boxes of five. Which set shows possible numbers of chocolates he might buy?

(5, 10, 14, 19) (7, 12, 17, 22)

(15, 25, 35, 45) (10, 16, 20, 30)

- ④ Pens are sold six to a package. Which set shows possible numbers of pens that could be bought?

(12, 18, 24, 36) (6, 12, 15, 18)

(15, 21, 27, 33) (4, 10, 16, 22)

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- ③ Jack can buy chocolates in boxes of five. Which set shows possible numbers of chocolates he might buy?

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(12, 18, 24, 36) (6, 12, 15, 18)

(15, 21, 27, 33) (4, 10, 16, 22)

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Recognizing multiples

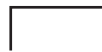
Learning division facts with dividends to 30 and multiples of 10 (to 90), 11 (to 99) and 12 (to 48)

For each multiplication fact, write the other multiplication fact and the two division facts.

⑤

$$\begin{array}{r} 11 \\ \times 6 \\ \hline \end{array}$$

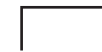
$$\times \underline{\quad}$$



⑥

$$\begin{array}{r} 7 \\ \times 4 \\ \hline \end{array}$$

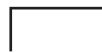
$$\times \underline{\quad}$$



⑦

$$\begin{array}{r} 3 \\ \times 9 \\ \hline \end{array}$$

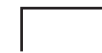
$$\times \underline{\quad}$$



⑧

$$\begin{array}{r} 12 \\ \times 4 \\ \hline \end{array}$$

$$\times \underline{\quad}$$



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Recognizing multiples

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For each multiplication fact, write the other multiplication fact and the two division facts.

⑤

$$\begin{array}{r} 11 \\ \times 6 \\ \hline 66 \end{array}$$

$$\begin{array}{r} 6 \\ \times 11 \\ \hline 66 \end{array}$$

$$6 \overline{) 66}$$

$$11 \overline{) 66}$$

⑥

$$\begin{array}{r} 7 \\ \times 4 \\ \hline 28 \end{array}$$

$$\begin{array}{r} 4 \\ \times 7 \\ \hline 28 \end{array}$$

$$7 \overline{) 28}$$

$$4 \overline{) 28}$$

⑦

$$\begin{array}{r} 3 \\ \times 9 \\ \hline 27 \end{array}$$

$$\begin{array}{r} 9 \\ \times 3 \\ \hline 27 \end{array}$$

$$3 \overline{) 27}$$

$$9 \overline{) 27}$$

⑧

$$\begin{array}{r} 12 \\ \times 4 \\ \hline 48 \end{array}$$

$$\begin{array}{r} 4 \\ \times 12 \\ \hline 48 \end{array}$$

$$4 \overline{) 48}$$

$$12 \overline{) 48}$$

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Recognizing multiples

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Write the division problem as multiplication.

Then solve the problem and write the related division and multiplication facts.

⑨

$$6 \overline{) 66} \quad \times \begin{array}{r} 6 \\ 66 \end{array}$$

$$\begin{array}{r} \\ \end{array} \times \underline{}$$

⑩

$$9 \overline{) 72} \quad \times \underline{}$$

$$\begin{array}{r} \\ \end{array} \times \underline{}$$

⑪

$$\begin{array}{r} 12 \\ \hline 48 \end{array} \quad \times \underline{}$$

$$\begin{array}{r} \\ \end{array} \times \underline{}$$

⑫

$$\begin{array}{r} 8 \\ \hline 40 \end{array} \quad \times \underline{}$$

$$\begin{array}{r} \\ \end{array} \times \underline{}$$

Bonus Lesson Page

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Learning division facts with dividends to 30 and multiples of 10 (to 90), 11 (to 99) and 12 (to 48)

Write the division problem as multiplication.

Then solve the problem and write the related division and multiplication facts.

⑨

$$6 \overline{) 66}$$

$$\begin{array}{r} 6 \\ \times 11 \\ \hline 66 \end{array}$$

$$5 \overline{) 66}$$

$$\begin{array}{r} 11 \\ \times 6 \\ \hline 66 \end{array}$$

⑩

$$9 \overline{) 72}$$

$$\begin{array}{r} 9 \\ \times 8 \\ \hline 72 \end{array}$$

$$8 \overline{) 72}$$

$$\begin{array}{r} 8 \\ \times 9 \\ \hline 72 \end{array}$$

⑪

$$4 \overline{) 48}$$

$$\begin{array}{r} 12 \\ \times 4 \\ \hline 48 \end{array}$$

$$12 \overline{) 48}$$

$$\begin{array}{r} 4 \\ \times 12 \\ \hline 48 \end{array}$$

⑫

$$5 \overline{) 40}$$

$$\begin{array}{r} 8 \\ \times 5 \\ \hline 40 \end{array}$$

$$8 \overline{) 40}$$

$$\begin{array}{r} 5 \\ \times 8 \\ \hline 40 \end{array}$$