



Date: _____

15 crates with 12 bottles each $\rightarrow 15 \times 10 = 150, 15 \times 2 = 30 \rightarrow$ **180**

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Multiplying Bigger Numbers



Watch video

1 Now it's your turn!

$$24 \times 12 = 288$$

$$24 \times 10 = 240 \text{ and } 24 \times 2 = 48.$$

2 Divide in steps.

$$156 \div 6 = 26$$

$$216 \div 9 = 24$$

$$184 \div 4 = 46$$

3 With remainders.

$$29 \div 4 = 7 \text{ remainder } 1 \rightarrow 8 \text{ tables}$$

$$45 \div 7 = 6 \text{ remainder } 3 \rightarrow 7 \text{ crates}$$

$$50 \div 6 = 8 \text{ remainder } 2 \rightarrow 9 \text{ boats}$$

4 Multiplying big numbers.

$$23 \times 14 = 322$$

$$18 \times 15 = 270$$

$$31 \times 12 = 372$$

5 Think backwards.

$$26 \times 6 = 156$$

$$24 \times 9 = 216$$

$$46 \times 4 = 184$$

★ Brain teaser

$125 \div 4 = 31$ remainder 1; for 20 bags you need 80, so nothing is missing - you have 45 more than you need.

6 In writing.

$$156 \div 6 = 26$$

$$23 \times 14 = 322$$

For parents and teachers: This worksheet goes with the video "Multiplying Bigger Numbers" (Math Story 80, Grade 4). Mental calculation with steps: split numbers cleverly. In word problems with a remainder, the question decides whether to round up.

More Math Stories with video and worksheet: www.mathapex.app/en/math-stories/