



The 5 Times Trick



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MathApex

Name: _____

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From the video 5×8 : $10 \times 8 = 80$, half of it $\rightarrow 5 \times 8 = 40$ **1 Now it's your turn!**

What is 5 times 6?

First do 10×6 . Then take half.

$10 \times 6 = \boxed{} \quad \boxed{} \div 2 = \boxed{}$

$5 \times 6 = \boxed{}$

3 The 5 times table.

$1 \times 5 = \boxed{}$

$2 \times 5 = \boxed{}$

$3 \times 5 = \boxed{}$

$4 \times 5 = \boxed{}$

$5 \times 5 = \boxed{}$

$6 \times 5 = \boxed{}$

$7 \times 5 = \boxed{}$

$8 \times 5 = \boxed{}$

$9 \times 5 = \boxed{}$

$10 \times 5 = \boxed{}$

5 Think backwards.

Which number is missing?

$\boxed{} \times 5 = 15$

$\boxed{} \times 5 = 35$

$15 \div 5 = \boxed{}$

6 Draw 5×7 as rows and calculate.

5 rows, 7 dots in every row. Shade them in.

$5 \times 7 = \boxed{}$

2 The 5 times trick.

First times 10, then half of it.

a) $10 \times 4 = \boxed{} \quad \boxed{} \div 2 = \boxed{}$

b) $10 \times 7 = \boxed{} \quad \boxed{} \div 2 = \boxed{}$

c) $10 \times 3 = \boxed{} \quad \boxed{} \div 2 = \boxed{}$

4 Swap the numbers.

$5 \times 3 = \boxed{}$

$3 \times 5 = \boxed{}$

$5 \times 7 = \boxed{}$

$7 \times 5 = \boxed{}$

3 children have 5 pencils each. How many pencils are there altogether?

$\boxed{} \times \boxed{} = \boxed{}$

★ Brain teaserMia says: $5 \times 9 = 90$. Is she right? What did she forget?



The 5 Times Trick

**1** Now it's your turn!

$$5 \times 6 = 30$$

$$10 \times 6 = 60, 60 \div 2 = 30$$

2 The 5 times trick.

$$5 \times 4: 40 \div 2 = 20$$

$$5 \times 7: 70 \div 2 = 35$$

$$5 \times 3: 30 \div 2 = 15$$

3 The 5 times table.

$$1 \times 5 = 5 \quad 2 \times 5 = 10$$

$$3 \times 5 = 15 \quad 4 \times 5 = 20$$

$$5 \times 5 = 25 \quad 6 \times 5 = 30$$

$$7 \times 5 = 35 \quad 8 \times 5 = 40$$

$$9 \times 5 = 45 \quad 10 \times 5 = 50$$

4 Swap the numbers.

$$5 \times 3 = 15 \text{ and } 3 \times 5 = 15$$

$$5 \times 7 = 35 \text{ and } 7 \times 5 = 35$$

$$3 \times 5 = 15$$

5 Think backwards.

$$3 \times 5 = 15$$

$$7 \times 5 = 35$$

$$15 \div 5 = 3$$

★ Brain teaser

No. $10 \times 9 = 90$, and half of that is **45**.

6 Draw the problem.

$$5 \times 7 = 35$$

For parents and teachers: This worksheet goes with the video "The 5 Times Trick" (Math Story 98, Grade 3). The 5 times trick: 5 is half of 10, so 5 times a number is half of 10 times the number.

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