The 5 Times Trick

MathApex

Name: _____ Date: _____

Watch video

From the video 5 × 8: 10 × 8 = 80, half of it → **5 × 8 = 40**

1 Now it's your turn!

What is 5 times 6?

First do 10 × 6. Then take half.

10 × 6 = ☐ ☐ ÷ 2 = ☐

5 × 6 = ☐

2 The 5 times trick.

First times 10, then half of it.

a) 10 × 4 = ☐ ☐ ÷ 2 = ☐

b) 10 × 7 = ☐ ☐ ÷ 2 = ☐

c) 10 × 3 = ☐ ☐ ÷ 2 = ☐

3 The 5 times table.

1 × 5 = ☐ 2 × 5 = ☐

3 × 5 = ☐ 4 × 5 = ☐

5 × 5 = ☐ 6 × 5 = ☐

7 × 5 = ☐ 8 × 5 = ☐

9 × 5 = ☐ 10 × 5 = ☐

4 Swap the numbers.

5 × 3 = ☐ 3 × 5 = ☐

5 × 7 = ☐ 7 × 5 = ☐

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

☐ × ☐ = ☐

5 Think backwards.

Which number is missing?

☐ × 5 = 15

☐ × 5 = 35

15 ÷ 5 = ☐

Brain teaser

Mia says: 5 × 9 = 90. Is she right? What did she forget?

6 Draw 5 × 7 as rows and calculate.

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

5 × 7 = ☐

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MATH STORY 98 · ANSWERS

The 5 Times Trick

Watch video

1 Now it's your turn!

5 × 6 = 30

10 × 6 = 60, 60 ÷ 2 = 30

2 The 5 times trick.

5 × 4: 40 ÷ 2 = 20
5 × 7: 70 ÷ 2 = 35
5 × 3: 30 ÷ 2 = 15

3 The 5 times table.

1 × 5 = 5	2 × 5 = 10
3 × 5 = 15	4 × 5 = 20
5 × 5 = 25	6 × 5 = 30
7 × 5 = 35	8 × 5 = 40
9 × 5 = 45	10 × 5 = 50

4 Swap the numbers.

5 × 3 = 15 and 3 × 5 = 15
5 × 7 = 35 and 7 × 5 = 35
3 × 5 = 15

5 Think backwards.

3 × 5 = 15
7 × 5 = 35
15 ÷ 5 = 3

★ Brain teaser

No. 10 × 9 = 90, and half of that is **45**.

6 Draw the problem.

5 × 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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