

Multiplying Decimals

MathKnights

Free printable worksheet

5th Grade · Florida B.E.S.T. MA.5.NSO.2.4

Name _____

Date _____

Multiply. Write each answer on the line.

Tip: Multiply as whole numbers, count the decimal places in both factors, then place the point that many places from the right.

1 $0.3 \times 4 =$ _____

7 $0.25 \times 8 =$ _____

2 $2.5 \times 3 =$ _____

8 $6.08 \times 10 =$ _____

3 $0.6 \times 0.7 =$ _____

9 $0.47 \times 100 =$ _____

4 $1.2 \times 0.3 =$ _____

10 A notebook costs \$1.75. How much do 4 notebooks cost?

Answer: _____

5 $3.4 \times 2.6 =$ _____

11 A ribbon is 2.4 m long. Maya uses 0.5 of it. How many meters does she use?

Answer: _____

6 $4.5 \times 1.2 =$ _____

12 Sam jogs 3.6 km a day for 5 days. How far does he jog in all?

Answer: _____

Answer Key

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For parents and teachers

1 **1.2**

$3 \times 4 = 12$, 1 place

2 **7.5**

$25 \times 3 = 75$, 1 place

3 **0.42**

$6 \times 7 = 42$, 2 places

4 **0.36**

$12 \times 3 = 36$, 2 places

5 **8.84**

$34 \times 26 = 884$, 2 places

6 **5.4**

$45 \times 12 = 540$, so 5.40

7 **2**

$25 \times 8 = 200$, so 2.00

8 **60.8**

point moves 1 place right

9 **47**

point moves 2 places right

10 **\$7.00**

$175 \times 4 = 700$, 2 places

11 **1.2 m**

$24 \times 5 = 120$, so 1.20

12 **18 km**

$36 \times 5 = 180$, so 18.0

If your child missed 3 or more

Multiply as whole numbers, count the decimal places in both factors, then place the point that many places from the right. The most common mistake is lining up the decimal points like addition; multiplication only uses the count of places. Step-by-step guide and a live calculator: mathknights.com/how-to-multiply-decimals