

Extra Sheet If Needed

APPLICATIONS AND EXERCISES

- Copy and place the decimal point in the product.

- a. $46 \times 1.8 = 828$
 b. $43.5 \times 0.75 = 32625$
 c. $0.18 \times 0.07 = 126$
 d. $3.14 \times 12 = 3768$
 e. $0.09 \times 0.11 = 99$
 f. $396 \times 2.6 = 10296$
 g. $0.003 \times 0.5 = 15$

2. Multiply.

- a. 3×4.32 b. 0.75×0.8
 c. 6×1.56 d. 0.94×6.006
 e. 1.02×0.77 f. 45×4.92
 g. 2.096×80.5 h. 0.06×0.94
 i. 0.007×0.71 j. 79.3×1.02

3. Brad bought 2.5 kg of nails at \$1.24/kg. How much did he pay for them?

4. A sheet of paper is 0.3175 mm thick. How high would a pile of 5000 sheets be?

5. Are the products reasonable? Calculate any that are not.

- a. $5.45 \times 8.4 = 457.8$ b. $284 \times 0.95 = 269.8$ c. $29.5 \times 0.502 = 1.4809$

6. Find the products. Copy and complete the Magic Square. What is the Magic Sum?

- a. 0.8×5 b. 70×0.2
 c. $3.75 \times 8 \times 0.4$ d. 0.003×6000
 e. 0.01×1000
 f. $50 \times 0.08 \times 0.5$
 g. 0.5×16
 h. 2.4×2.5
 i. 128×0.125

a.	b.	c.
d.	e.	f.
g.	h.	i.

7. Estimate, then calculate. Round the product to the nearest tenth.



- a. 38.1×0.93 b. 1.58×48.2 c. 40.02×30.3

8. Estimate, then calculate. Round the product to the nearest hundredth.



- a. 2.14×0.74 b. 5.74×30.9 c. 0.67×0.894

9. Jean bought 32.5 L of unleaded gasoline.

- a. How much did it cost? Round the amount to the nearest cent.
 b. How much change did she receive from a \$20 bill?

Regular
53.9¢/L
 Unleaded
56.4¢/L
 Super Unleaded
58.7¢/L

1. Multiply. Look for a pattern.

- a. 1.2×10 b. 0.25×10
 1.2×1 0.25×1
 1.2×0.1 0.25×0.1
 1.2×0.01 0.25×0.01

2. How many decimal places are in the product?

- a. 4.13×0.3 b. 0.7×0.0009
 c. 18×206 d. 7.26×6.1

3. Copy and place the decimal point in the product.

- a. $1.98 \times 73.6 = 145728$
 b. $0.713 \times 0.16 = 11408$
 c. $0.065 \times 0.9 = 585$
 d. $0.064 \times 0.2 = 128$
 e. $5.06 \times 3.71 = 187726$
 f. $9 \times 0.011 = 99$