



NTID

Mrs. Lafferty

6th Grade

## Multiplying Decimals Less Than 1

Name: \_\_\_\_\_

Multiply.

1  $0.5 \times 3$

\_\_\_\_\_

2  $0.5 \times 0.3$

\_\_\_\_\_

3  $0.5 \times 0.03$

\_\_\_\_\_

4  $6 \times 0.2$

\_\_\_\_\_

5  $0.6 \times 0.2$

\_\_\_\_\_

6  $0.06 \times 0.2$

\_\_\_\_\_

7  $0.8 \times 0.1$

\_\_\_\_\_

8  $0.8 \times 0.2$

\_\_\_\_\_

9  $0.8 \times 0.3$

\_\_\_\_\_

10  $0.4 \times 0.02$

\_\_\_\_\_

11  $0.4 \times 0.04$

\_\_\_\_\_

12  $0.4 \times 0.12$

\_\_\_\_\_

13  $0.3 \times 0.4$

\_\_\_\_\_

14  $0.6 \times 0.4$

\_\_\_\_\_

15  $0.6 \times 0.8$

\_\_\_\_\_

16  $0.01 \times 0.5$

\_\_\_\_\_

17  $0.05 \times 0.5$

\_\_\_\_\_

18  $0.25 \times 0.5$

\_\_\_\_\_

19 Describe a pattern you noticed when you were completing the problem set.

# Multiplying with Decimals Greater Than 1

Name: \_\_\_\_\_

The answers are mixed up at the bottom of the page. Cross out the answers as you complete the problems.

**1**  $0.3 \times 1.2$

\_\_\_\_\_

**2**  $1.2 \times 0.4$

\_\_\_\_\_

**3**  $1.2 \times 1.1$

\_\_\_\_\_

**4**  $0.3 \times 12.1$

\_\_\_\_\_

**5**  $4.4 \times 1.1$

\_\_\_\_\_

**6**  $0.02 \times 1.8$

\_\_\_\_\_

**7**  $7.1 \times 5.1$

\_\_\_\_\_

**8**  $6.6 \times 0.02$

\_\_\_\_\_

**9**  $2.4 \times 4.8$

\_\_\_\_\_

**10**  $9.2 \times 5.24$

\_\_\_\_\_

**11**  $1.2 \times 1.24$

\_\_\_\_\_

**12**  $8.4 \times 6.2$

\_\_\_\_\_

**13**  $4.2 \times 3.21$

\_\_\_\_\_

**14**  $4.25 \times 8.5$

\_\_\_\_\_

**15**  $1.9 \times 2.78$

\_\_\_\_\_

## Answers

0.132

1.32

13.482

1.488

48.208

4.84

0.48

52.08

11.52

5.282

36.125

0.036

0.36

3.63

36.21

## Dividing a Decimal by a Whole Number

Name: \_\_\_\_\_

**Multiply to check if the student's answer is reasonable. If not, cross out the answer and write the correct quotient.**

Division Problems	Student Answers
$0.88 \div 11$	<del>0.8</del> 0.08 Product: $11 \times 0.8 = 8.8$
$5.6 \div 8$	0.07
$7.2 \div 9$	0.8
$25.35 \div 5$	5.7
$21.7 \div 7$	3.1
$14.4 \div 12$	0.12
$96.16 \div 8$	12.2
$60.18 \div 2$	30.9

**1** Can an answer be incorrect even if it looks reasonable? Explain.

## Dividing by Hundredths

Divide.

**1**  $1 \div 0.25$   
\_\_\_\_\_

**2**  $4 \div 0.25$   
\_\_\_\_\_

**3**  $3.75 \div 0.25$   
\_\_\_\_\_

**4**  $6.5 \div 0.25$   
\_\_\_\_\_

**5**  $1.8 \div 9$   
\_\_\_\_\_

**6**  $1.8 \div 0.9$   
\_\_\_\_\_

**7**  $1.8 \div 0.09$   
\_\_\_\_\_

**8**  $225 \div 75$   
\_\_\_\_\_

**9**  $22.5 \div 7.5$   
\_\_\_\_\_

**10**  $2.25 \div 0.75$   
\_\_\_\_\_

**11**  $0.36 \div 0.06$   
\_\_\_\_\_

**12**  $6.36 \div 0.06$   
\_\_\_\_\_

**13**  $36.36 \div 0.06$   
\_\_\_\_\_

**14**  $9 \div 2.25$   
\_\_\_\_\_

**15**  $13.5 \div 2.25$   
\_\_\_\_\_

**16** Describe a pattern you noticed when you were completing the problem set.

Adding Fractions with  
Unlike Denominators

Name: \_\_\_\_\_

Add.

1  $\frac{1}{2} + \frac{1}{4}$

\_\_\_\_\_

2  $\frac{1}{2} + \frac{3}{8}$

\_\_\_\_\_

3  $\frac{1}{2} + \frac{1}{3}$

\_\_\_\_\_

4  $\frac{1}{3} + \frac{1}{4}$

\_\_\_\_\_

5  $\frac{5}{6} + \frac{1}{12}$

\_\_\_\_\_

6  $\frac{1}{3} + \frac{2}{5}$

\_\_\_\_\_

7  $\frac{5}{6} + \frac{2}{3}$

\_\_\_\_\_

8  $\frac{3}{4} + \frac{5}{6}$

\_\_\_\_\_

9  $\frac{7}{9} + \frac{1}{6}$

\_\_\_\_\_

10  $\frac{7}{8} + \frac{2}{3}$

\_\_\_\_\_

11  $\frac{3}{2} + \frac{3}{5}$

\_\_\_\_\_

12  $\frac{9}{8} + \frac{5}{6}$

\_\_\_\_\_

- 13 What is a different common denominator you could use in problem 2? Describe how you would add the fractions using this different common denominator. Is the result equivalent to the sum found in problem 2?