Name: _____

## Set 1: Multiply Decimals by Whole Numbers

**Multiply. Show your work.**

**1** $2.21 \times 4$        **2** $3.60 \times 5$        **3** $8 \times 0.75$

## Set 2: Multiply Decimals

**Multiply. Show your work.**

**1** $0.2 \times 0.6$        **2** $0.4 \times 0.03$        **3** $5.5 \times 0.6$

**4** $0.5 \times 1.2$        **5** $2.1 \times 1.3$        **6** $4 \times 1.5$

## Set 3: Divide Decimals

**Divide. Show your work.**

**1** $5 \div 0.5$        **2** $4.9 \div 7$        **3** $4.8 \div 0.6$

**4** $1.82 \div 13$        **5** $3.6 \div 0.09$        **6** $3.3 \div 1.5$

## Decimal Multiplication Slam

### What You Need

- Decimal Cards
- Tenth Cards

### What You Do

1. Shuffle the **Decimal Cards** and place them facedown in a pile. Shuffle the **Tenths Cards** and place them facedown in a separate pile.

2. Take turns. Take one card from each pile. Both partners find the product. As soon as you find the product, tap the table. Do not share your answer.

3. When both partners have finished, the partner who tapped the table first tells the product. Partners compare solution strategies and reach agreement on the correct answer.

4. If correct, the partner who found the product first gets 2 points. The other partner gets 1 point if correct. Either partner with an incorrect product gets 0 points.

5. The winner is the first partner with 11 points.
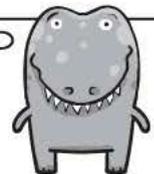
6. Shuffle the cards and play again.

> When I multiply tenths with tenths, the product will be in the hundredths.
>
> When I multiply tenths with hundredths, the product will be in the thousandths.

### Go Further!

Set the **Tenths Cards** aside. Separate the **Decimal Cards** into a group of decimals in the tenths and a group of decimals in the hundredths. Choose one card from each group and find the product of the two decimals.

## Decimal Multiplication Slam

| 6.7 | 5.42 | 9.2 | 1.25 |

| 8.76 | 7.5 | 4.94 | 3.8 |

**Decimal Multiplication Slam**

| | | | |
|---|---|---|---|
| **0.2** | **0.3** | **0.4** | **0.5** |
| **0.6** | **0.7** | **0.8** | **0.9** |