

Explore Multiplication

Find $\frac{1}{4}$ of 1.2.**Step 1:** Change 1.2 to a mixed number.

$$1.2 = 1\frac{2}{10} \text{ or } 1\frac{1}{5}$$

Step 2: Write the mixed number as an improper fraction.

$$1\frac{1}{5} = \frac{6}{5}$$

Step 3: Multiply. Simplify, if needed.

$$\frac{1}{4} \times \frac{6}{5} = \frac{6}{20} = \frac{3}{10}$$

Use models or fractions to multiply. Write each product as a decimal.

1. 0.3×0.6

2. 0.9×0.6

3. 1.4×0.8

4. 2.5×0.4

5. 1.3×0.7

6. 1.7×0.2

7. 0.7×0.7

8. 0.5×0.8

9. 2.2×0.3

10. 3.1×0.4

11. 2.6×0.2

12. 1.7×0.9

Problem Solving

13. Lydia worked 6.5 hours on Saturday and 3.25 hours on Sunday. Rafael worked twice as long as Lydia did. How long did Lydia and Rafael work altogether?

Show Your Work