

Name _____

Date _____

1. Choose the reasonable product for each expression. Explain your thinking in the spaces below using words, pictures, and numbers.

a. 2.1×3 0.63 6.3 63 630

$$2 \times 3 = 6$$

6.3

b. 4.27×6 2562 256.2 25.62 2.562

$$4 \times 6 = 24$$

25.62

c. 7×6.053 4237.1 423.71 42.371 4.2371

$$7 \times 6 = 42$$

42.371

d. 9×4.82 4.338 43.38 433.8 4338

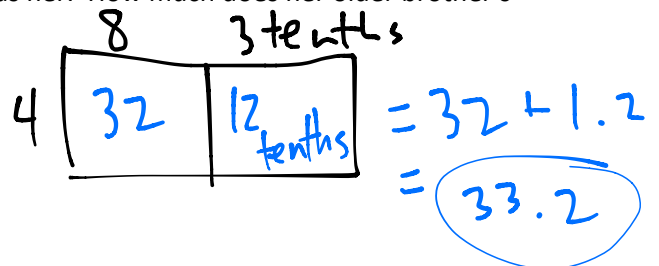
$$9 \times 5 = 45$$

43.38

2. YiTing weighs 8.3 kg. Her older brother is 4 times as heavy as her. How much does her older brother's weight in kg?

$$4 \times 8.3$$

$$\begin{array}{r} 8.3 \\ \times 4 \\ \hline 33.2 \end{array}$$



3. Tim is painting his storage shed. He buys 4 gallons of white paint and 3 gallons of blue paint. If each gallon of white paint costs \$15.72 and each gallon of blue paint is \$21.87, how much will Tim spend in all on paint?

$$\begin{array}{r} 15.72 \\ \times 4 \\ \hline 62.88 \end{array}$$

$$\begin{array}{r} 21.87 \\ \times 3 \\ \hline 65.61 \end{array}$$

$$\begin{array}{r} 62.88 \\ + 65.61 \\ \hline \$128.49 \end{array}$$

4. Ribbon is sold at 3 yards for \$6.33. Jackie bought 24 yards of ribbon for a project. How much did she pay?

$$\begin{array}{r} \overset{2}{2} \\ \overset{2}{6.33} \\ \times 8 \\ \hline \$50.64 \end{array}$$