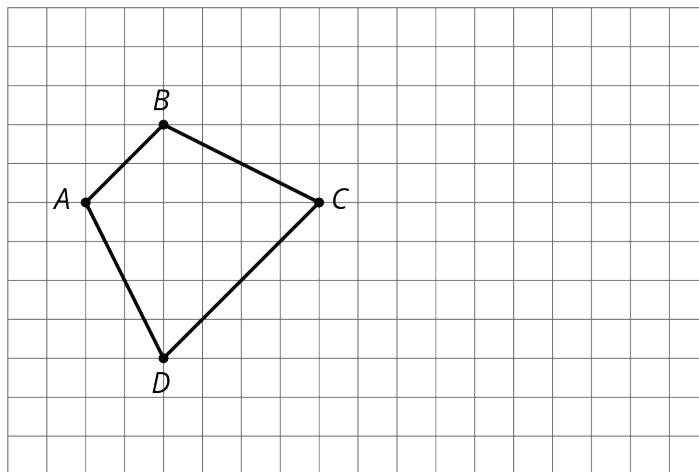




4. On the grid, draw a scaled copy of quadrilateral ABCD with a scale factor  $\frac{2}{3}$ .



(From Unit 1, Lesson 4.)

5. Solve each equation mentally.

a.  $\frac{5}{2} \cdot x = 1$

b.  $x \cdot \frac{7}{3} = 1$

c.  $1 \div \frac{11}{2} = x$

(From Unit 1, Lesson 5.)

6. Lin has a scale model of a modern train. The model is created at a scale of 1 to 48.

a. The height of the model train is 102 millimeters. What is the actual height of the train in meters? Explain your reasoning.

b. On the scale model, the distance between the wheels on the left and the wheels on the right is  $1\frac{1}{4}$  inches. The state of Wyoming has old railroad tracks that are 4.5 feet apart. Can the modern train travel on those tracks? Explain your reasoning.

(From Unit 1, Lesson 11.)