

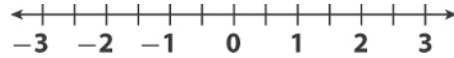
LESSON
1-5

Multiplying Rational Numbers

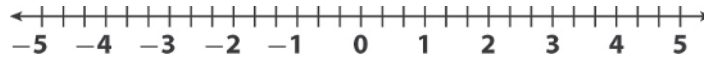
Practice and Problem Solving: A/B

Use the number line to find each product.

1. $4\left(-\frac{1}{2}\right)$ _____



2. $-5\left(-\frac{2}{3}\right)$ _____



Find the product.

3. $-2(3.1)$

4. $4(-5.4)$

5. $-3.3(6)$

6. $-3(-5.6)$

7. $4.5(8)$

8. $2(-1.05)$

9. $-2.05(4)$

10. $-3.5(-9)$

Find the product. Show your work.

11. $\left(\frac{2}{3}\right) \times (-6) \times 5 =$ _____

12. $\left(-\frac{3}{5}\right) \left(-\frac{10}{3}\right) \left(-\frac{2}{9}\right) =$ _____

13. $-7 \times \left(-\frac{3}{5}\right) \times \left(\frac{15}{7}\right) =$ _____

14. $2(4)\left(\frac{1}{16}\right) =$ _____

Solve. Show your work.

15. A landscaper installs 12 sections of trellis. Each section of trellis is $\frac{3}{4}$ yard long. How many yards of trellis are installed altogether?

16. A biologist uses a box-shaped fish trap that measures $\frac{1}{4}$ -meter by $\frac{2}{3}$ -meter by $\frac{3}{5}$ -meter. What is the volume of the trap in cubic meters?

17. The temperature at noon is 75°F . The temperature drops 3 degrees every half hour. What is the temperature at 4 P.M.?
