

Multiplication Word Problems (J)

Solve each problem and show your work.

Kaitlyn and Antonio like each other, so they send each other text messages. Kaitlyn usually sends about nine messages an hour to Antonio and Antonio usually sends eight messages an hour to Kaitlyn. After ten hours, how many messages would each of them send to each other?

Augustus used some measuring tools to make a nine by nine chalk grid on his paved driveway. In each square of the grid, he made a different pattern in chalk. Even though his mom couldn't park her car in the driveway when she got home, she was impressed that he came up with ___ unique designs for his entire grid.

Carpets for sale! 5 ft by 8 ft, 4 ft by 6 ft, 7 ft by 9 ft, 7 ft by 7 ft and 9 ft by 9 ft. So many choices! Grace wants a 49 sq ft carpet for her bedroom. What carpet should she buy?

Deegan and his five friends discovered that they were all exactly five feet tall. Well, Jeffery was five feet and five inches, but they made him crouch, so he would be the same height as the rest. If they all laid down, end-to-end, in a line, how long would the line be (if Jeffery bent his knees slightly)?

Multiplication Word Problems (J) Answers

Solve each problem and show your work.

Kaitlyn and Antonio like each other, so they send each other text messages. Kaitlyn usually sends about nine messages an hour to Antonio and Antonio usually sends eight messages an hour to Kaitlyn. After ten hours, how many messages would each of them send to each other?

Kaitlyn: $9 \text{ messages per hour} \times 10 \text{ hours} = 90 \text{ messages}$ | Antonio: $8 \text{ messages per hour} \times 10 \text{ hours} = 80 \text{ messages}$

Augustus used some measuring tools to make a nine by nine chalk grid on his paved driveway. In each square of the grid, he made a different pattern in chalk. Even though his mom couldn't park her car in the driveway when she got home, she was impressed that he came up with ___ unique designs for his entire grid.

$9 \text{ squares by } 9 \text{ squares} = 81 \text{ squares}$

Carpets for sale! 5 ft by 8 ft, 4 ft by 6 ft, 7 ft by 9 ft, 7 ft by 7 ft and 9 ft by 9 ft. So many choices! Grace wants a 49 sq ft carpet for her bedroom. What carpet should she buy?

$7 \text{ ft} \times 7 \text{ ft} = 49 \text{ sq ft}$

Deegan and his five friends discovered that they were all exactly five feet tall. Well, Jeffery was five feet and five inches, but they made him crouch, so he would be the same height as the rest. If they all laid down, end-to-end, in a line, how long would the line be (if Jeffery bent his knees slightly)?

$6 \text{ friends} \times 5 \text{ feet per friend} = 30 \text{ feet}$