

# Why Is a Shooting Star Better Than a Hamburger?

For each set of exercises, there is one extra answer. Write the letter of this answer in the corresponding box at the right.

|                                     |   |   |   |   |    |   |   |   |   |   |                                     |
|-------------------------------------|---|---|---|---|----|---|---|---|---|---|-------------------------------------|
| <input checked="" type="checkbox"/> | 5 | 3 | 8 | 1 | 10 | 6 | 9 | 2 | 4 | 7 | <input checked="" type="checkbox"/> |
| <input checked="" type="checkbox"/> |   |   |   |   |    |   |   |   |   |   | <input checked="" type="checkbox"/> |

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|--|--|--|--|---|
| <b>1</b> Find the quotient.<br>a. $-40 \div 5$<br>b. $30 \div (-15)$<br>c. $-88 \div (-11)$<br>d. $-100 \div (-4)$ | <input type="radio"/> J -2<br><input type="radio"/> S -25<br><input type="radio"/> B -8<br><input type="radio"/> Y 25<br><input type="radio"/> P 8 | <b>6</b> Simplify.<br>a. $\frac{-49}{7} + \frac{-64}{8}$<br>b. $\frac{150}{-15} + \frac{-13}{-13}$ | <input type="radio"/> E 10<br><input type="radio"/> G -9<br><input type="radio"/> W 99<br><input type="radio"/> N -15<br><input type="radio"/> B -10 |   |
| <b>2</b> Find the quotient.<br>a. $\frac{-54}{9}$<br>b. $\frac{-36}{-12}$  | <input type="radio"/> U -3<br><input type="radio"/> C -6<br><input type="radio"/> M 0<br><input type="radio"/> L 3<br><input type="radio"/> E 6    | c. $\frac{75}{-25}$<br>d. $\frac{0}{-10}$  | <input type="radio"/> D 24<br><input type="radio"/> L -3<br><input type="radio"/> N -4<br><input type="radio"/> R 15<br><input type="radio"/> T -12  |   |
| <b>3</b> Find the quotient.<br>a. $-48 \div (-3)$<br>b. $-36 \div 18$<br>c. $180 \div (-10)$<br>d. $900 \div 450$  | <input type="radio"/> D -2<br><input type="radio"/> H 2<br><input type="radio"/> T 18<br><input type="radio"/> A -18<br><input type="radio"/> F 16 | <b>8</b> Evaluate if $k = 3$ , $n = -8$ .<br>a. $\frac{kn}{2}$<br>b. $\frac{k+n}{-5}$              | <input type="radio"/> S 1<br><input type="radio"/> A -6<br><input type="radio"/> E 4<br><input type="radio"/> I 6<br><input type="radio"/> U -12     |   |
| <b>4</b> Simplify.<br>a. $\frac{150}{-2}$<br>b. $\frac{-7500}{-75}$  | <input type="radio"/> K 6<br><input type="radio"/> E -75<br><input type="radio"/> N 3<br><input type="radio"/> O -6<br><input type="radio"/> K 100 | c. $\frac{-24+9}{-8+3}$<br>d. $\frac{-24}{-8} + \frac{9}{3}$                                       | <b>9</b> Solve mentally.<br>a. $\frac{x}{7} = -6$<br>b. $\frac{b}{-3} = -14$   | <input type="radio"/> D -10<br><input type="radio"/> P -42<br><input type="radio"/> T 16<br><input type="radio"/> S -16<br><input type="radio"/> N 42 |
| <b>5</b> Simplify.<br>a. $\frac{-13+1}{3}$<br>b. $\frac{(-15)(-4)}{-6}$  | <input type="radio"/> A 3<br><input type="radio"/> I -3<br><input type="radio"/> S 4<br><input type="radio"/> U -10<br><input type="radio"/> O -4  | c. $\frac{-20-25}{-15}$<br>d. $\frac{100-(-20)}{30}$   | <b>10</b> Solve mentally.<br>a. $8y = -56$<br>b. $-3p = -63$<br>c. $80 \div u = 2$<br>d. $80 \div (-v) = 2$  | <input type="radio"/> B 21<br><input type="radio"/> K 40<br><input type="radio"/> N -40<br><input type="radio"/> G -7<br><input type="radio"/> M -21  |