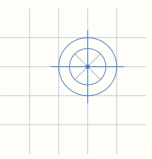


Slope and y-intercept — Fractional slope from an equation



Name: _____

Date: _____

Write the slope of each line as a fraction.

① $y = \frac{5}{8}x + 1$ $m = \frac{5}{8}$

② $y = -\frac{2}{3}x - 3$ $m = \underline{\hspace{2cm}}$

③ $y = -\frac{2}{5}x$ $m = \underline{\hspace{2cm}}$

④ $y = \frac{4}{5}x$ $m = \underline{\hspace{2cm}}$

⑤ $y = -\frac{9}{2}x - 11$ $m = \underline{\hspace{2cm}}$

⑥ $y = \frac{3}{2}x + 7$ $m = \underline{\hspace{2cm}}$

⑦ $y = \frac{9}{8}x$ $m = \underline{\hspace{2cm}}$

⑧ $y = \frac{2}{3}x + 2$ $m = \underline{\hspace{2cm}}$



Slope and y-intercept · Fractional slope from an equation — Answer key



1. $y = \frac{5}{8}x + 1 \rightarrow m = \frac{5}{8}$

2. $y = -\frac{2}{3}x - 3 \rightarrow m = -\frac{2}{3}$

3. $y = -\frac{2}{5}x \rightarrow m = -\frac{2}{5}$

4. $y = \frac{4}{5}x \rightarrow m = \frac{4}{5}$

5. $y = -\frac{9}{2}x - 11 \rightarrow m = -\frac{9}{2}$

6. $y = \frac{3}{2}x + 7 \rightarrow m = \frac{3}{2}$

7. $y = \frac{9}{8}x \rightarrow m = \frac{9}{8}$

8. $y = \frac{2}{3}x + 2 \rightarrow m = \frac{2}{3}$