

Fractions

Date _____ Period _____

Evaluate each expression.

1) $-3 + \frac{3}{2}$

2) $\frac{5}{3} - \frac{3}{2}$

3) $1 - \frac{2}{3} + -\frac{1}{2}$

4) $-\frac{3}{5} - \frac{1}{2} - -\frac{2}{3}$

Find each product.

5) $-\frac{1}{2} \cdot \frac{2}{3}$

6) $2 \cdot -\frac{1}{4}$

$$7) -\frac{4}{5} \cdot -\frac{9}{5} \cdot \frac{11}{8}$$

$$8) 2 \cdot \frac{4}{9} \cdot -\frac{13}{8}$$

Find each quotient.

$$9) \frac{-1}{2} \div \frac{7}{5}$$

$$10) \frac{-4}{3} \div \frac{-7}{6}$$

$$11) \frac{-\frac{1}{2}}{-2}$$

$$12) \frac{-\frac{3}{2}}{\frac{4}{5}}$$

- 13) A Large pizza has 12 slices in it. Steve ate $\frac{1}{3}$ of the pizza and Kim ate slices 3 slices. Who ate more slices?

- 14) There are 112 students in the freshmen class. $\frac{4}{7}$ of them are girls. How many boys are in the class?

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Evaluate each expression.

1) $-3 + \frac{3}{2}$

$-\frac{3}{2}$

2) $\frac{5}{3} - \frac{3}{2}$

$\frac{1}{6}$

3) $1 - \frac{2}{3} + -\frac{1}{2}$

$-\frac{1}{6}$

4) $-\frac{3}{5} - \frac{1}{2} - -\frac{2}{3}$

$-\frac{13}{30}$

Find each product.

5) $-\frac{1}{2} \cdot \frac{2}{3}$

$-\frac{1}{3}$

6) $2 \cdot -\frac{1}{4}$

$-\frac{1}{2}$

$$7) -\frac{4}{5} \cdot -\frac{9}{5} \cdot \frac{11}{8}$$

$$\frac{99}{50}$$

$$8) 2 \cdot \frac{4}{9} \cdot -\frac{13}{8}$$

$$-\frac{13}{9}$$

Find each quotient.

$$9) \frac{-1}{2} \div \frac{7}{5}$$

$$-\frac{5}{14}$$

$$10) \frac{-4}{3} \div \frac{-7}{6}$$

$$\frac{8}{7}$$

$$11) \frac{-\frac{1}{2}}{-2}$$

$$\frac{1}{4}$$

$$12) \frac{-\frac{3}{2}}{\frac{4}{5}}$$

$$-\frac{15}{8}$$

- 13) A Large pizza has 12 slices in it. Steve ate $\frac{1}{3}$ of the pizza and Kim ate slices 3 slices.
Who ate more slices?

steve.

- 14) There are 112 students in the freshmen class. $\frac{4}{7}$ of them are girls. How many boys are in the class?

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