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GreatMathWorksheets

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Time Taken: ..... Total Score: .....

Level 9
Unit 20.1

Dividing Positive and Negative Numbers Part I

Example:
$27 \div (-3) = -9$, $(-27) \div (-3) = 9$, $(-27) \div (-3) \div (-3) = -3$, $0 \div (-27) = 0$

Note: If number of '-' signs is odd (1,3,5.....), the quotiont is negative.
If number of '-' signs is even (2,4,6.....), the quotiont is positive.

1. Calculate the following.

a. $15 \div 5$

b. $15 \div (-5)$

c. $(-15) \div 5$

d. $(-15) \div (-5)$

e. $48 \div (-16)$

f. $(-54) \div 18$

g. $(-34) \div (-17)$

h. $(-14) \div (-7) \div (-2)$

i. $0 \div (-6)$

j. $(-132) \div (-6) \div 11$

k. $55 \div (-11) \div 5$

l. $9 \div (-\frac{1}{3})$

m. $(-3\frac{1}{8}) \div (-5)$

n. $(-\frac{3}{7}) \div \frac{1}{2}$

o. $(1\frac{1}{5}) \div (-3)$

p. $(-1\frac{2}{3}) \div (-6)$

q. $(-\frac{4}{7}) \div \frac{1}{2}$

r. $(-\frac{7}{18}) \div (-\frac{7}{12})$

s. $(-12) \div (-2\frac{1}{4})$

t. $10 \div (-3\frac{1}{3})$

u. $(-\frac{6}{7}) \div (-2\frac{5}{14})$

v. $(-15\frac{1}{3}) \div (4\frac{3}{5})$

Dividing Positive and Negative Numbers Part II

2. Calculate the following.

a. $(-15) \div (-3)$

b. $-18 \div 1\frac{1}{2}$

c. $\frac{1}{3} \div (-\frac{1}{12})$

d. $0 \div (-\frac{1}{2})$

e. $\frac{3}{7} \times (-\frac{1}{4})$

f. $(-6) \times (-\frac{1}{4})$

g. $(-\frac{5}{9}) \div (6\frac{1}{4})$

h. $6 \div (-18) \div (-9)$

i. $\frac{5}{6} \div (-\frac{7}{18}) \times \frac{3}{10}$

j. $(-\frac{3}{7}) \div (-2\frac{2}{5}) \times (-1\frac{5}{9})$

k. $1\frac{4}{5} \div (-2\frac{1}{4}) \times 5\frac{1}{9}$

l. $(-3\frac{4}{9}) \times 3\frac{3}{4} \div (-\frac{8}{9})$

m. $(-\frac{2}{3}) \div (2\frac{2}{3}) \times (-1\frac{1}{2})$

n. $3\frac{1}{4} \div (-2\frac{1}{6}) \times (-1\frac{1}{2})$

o. $(-\frac{4}{5})(-\frac{5}{8})(-2\frac{1}{2})$

p. $(-1\frac{1}{3}) \div (-2\frac{1}{3}) \times (-1\frac{1}{8})$

q. $\frac{1}{18} \div (-1\frac{1}{6}) \times 3\frac{3}{7}$

r. $0.44 \div (-\frac{8}{10}) \times \frac{4}{5}$