$$\frac{-24}{-3} = 8$$

$$\frac{-33}{3} = -11$$

$$\times \quad -2 \quad 4 \quad -6 \quad +8$$

$$-3 \quad 6 \quad -12 \quad 18 \quad -24$$

$$-10 \quad 20 \quad -40 \quad 60 \quad -80$$

$$-5 \quad 10 \quad -20 \quad 30 \quad -40$$

-28

42

-56

 $\frac{25}{-2} = -12.5$

b.
$$\frac{12}{12} = \frac{16}{6} = \frac{8}{3}$$

b. $\frac{12}{12} = \frac{16}{6} = \frac{8}{3}$

b. $\frac{12}{12} = \frac{16}{6} = \frac{8}{3}$

b. $\frac{12}{12} = \frac{16}{6} = \frac{8}{3}$

c. $\frac{32}{12} = \frac{16}{6} = \frac{8}{3}$

14

$$\frac{1}{2x-5}$$

$$P = 2, q = 3$$

$$\frac{6}{-10} \times 4 - 1 - 1 + 1 - 1 - 1$$

$$P = 2, q = -3$$

$$\frac{-6}{-10} < 0 \times 1$$

5:505 P, 9	P×9/2×-5 <0	Result	
++ $P=2$, $q=3$	2×3 2×-5	<0	(-)/
$\begin{vmatrix} + - \end{vmatrix} P = 2, 9 = -3 \end{vmatrix}$	2×-3 2×-5	>0	(+) X
$\begin{vmatrix} -+ \\ -2, q^{-+3} \end{vmatrix}$	-2×3 -2×-5	>0	(+) X
$\begin{vmatrix} \\ -2, 4=-3 \end{vmatrix}$	-2x-3 2x-5	<0	(-)
that and q	myt le	the	

(we can deduce) P

SQUARED, the answer ALWAYS ends up being POSITIVE. Whenever a number is

Whenever a number is

CUBED, the answer, the answer can be positive or negative depending on the SIGN (negative cubed will always give a negative).

$$\frac{1}{(-5)^4} = \frac{1}{(-6)^4} + 1296$$

$$= \frac{-4}{648} = \frac{-1}{162}$$

$$= \frac{-1}{648} = \frac{-1}{162}$$

$$= \frac{-1}{162}$$

$$= \frac{-1}{162}$$

$$= \frac{-1}{162}$$

is positive; if you are decreasing speed (slowing down) acceleration is negative. (You will need to do

some research to answer this question.) **a.** Is it possible to have positive acceleration with a negative velocity? If so, give an example.

b. Is it possible to have negative acceleration with a positive velocity? If so, give an example.

16. My last five scores in a very silly computer game have been +6, -9, -15, +8 and -4. What is my

Reflection

average score?

Can you list 4 areas in real life where directed numbers are used?