

-0.625. Work out the value of each expression when  $x=1$ ,  $y=2$  and  $z=3$

$$(x+y)/z$$

$$(x+y+3)/z$$

$$(x+y+6)/z$$

$$(x+y+9)/z$$

**1**

**2**

**3**

**4**

$$(x+z)/y$$

$$(x+z+2)/y$$

$$(x+z+4)/y$$

$$(x+z+6)/y$$

**2**

**3**

**4**

**5**

$$(x+4)/(y+z)$$

$$(x+y+7)/(y+z)$$

$$(x+y+z+9)/(y+z)$$

**1**

**2**

**3**

$$\frac{z-x}{y}$$

$$\frac{z-x+1}{y+1}$$

$$\frac{z-x+y}{y}$$

$$\frac{z-x+y}{y+1}$$

**1**

**1**

**2**

$\frac{4}{3}$

$$\frac{z-x}{z}$$

$$\frac{z-x+1}{z+1}$$

$$\frac{z-x+y}{z}$$

$$\frac{z-x+y}{z+1}$$

$\frac{2}{3}$

$\frac{3}{4}$

$\frac{4}{3}$

**1**

-0.25. Simplify the expressions:

$$\frac{2x}{2}$$

$$x$$

$$\frac{4x}{2}$$

$$2x$$

$$\frac{6x}{2}$$

$$3x$$

$$\frac{8x}{2}$$

$$4x$$

$$\frac{2x}{6}$$

$$\frac{x}{3}$$

$$\frac{4x}{6}$$

$$\frac{2x}{3}$$

$$\frac{6x}{6}$$

$$x$$

$$\frac{8x}{6}$$

$$\frac{4x}{3}$$

$$\frac{10x}{6}$$

$$\frac{5x}{3}$$

$$\frac{20x}{6}$$

$$\frac{10x}{3}$$

$$\frac{30x}{6}$$

$$5x$$

$$\frac{40x}{6}$$

$$\frac{20x}{3}$$

$$\frac{10x}{42}$$

$$\frac{5x}{21}$$

$$\frac{20x}{42}$$

$$\frac{10x}{21}$$

$$\frac{30x}{42}$$

$$\frac{5x}{7}$$

$$\frac{40x}{42}$$

$$\frac{20x}{21}$$

$$\frac{2x+2}{6}$$

$$\frac{x+1}{3}$$

$$\frac{4x+4}{6}$$

$$\frac{2x+2}{3}$$

$$\frac{6x+6}{6}$$

$$x+1$$

$$\frac{8x+8}{6}$$

$$\frac{4x+4}{3}$$

$$\frac{10x+10}{6}$$

$$\frac{5x+5}{3}$$

$$\frac{20x+20}{6}$$

$$\frac{10x+10}{3}$$

$$\frac{30x+30}{6}$$

$$5x+5$$

$$\frac{10x+10}{42}$$

$$\frac{20x+20}{42}$$

$$\frac{30x+30}{42}$$

$$\frac{5x+5}{21}$$

$$\frac{10x+10}{21}$$

$$\frac{5x+5}{7}$$

$\frac{2x}{2x}$		$\frac{4x}{2x}$		$\frac{6x}{2x}$		$\frac{8x}{2x}$
1	2		3		4	

$\frac{2x}{6x}$	$\frac{4x}{6x}$	$\frac{6x}{6x}$	$\frac{8x}{6x}$
$\frac{1}{3}$	$\frac{2}{3}$	1	$\frac{4}{3}$

$\frac{10}{6x}$	$\frac{20}{6x}$	$\frac{30}{6x}$	$\frac{40}{6x}$
$\frac{5}{3x}$	$\frac{10}{3x}$	$\frac{5}{x}$	$\frac{20}{3x}$

$\frac{10}{42x}$	$\frac{20}{42x}$	$\frac{30}{42x}$	$\frac{40}{42x}$
$\frac{5}{21x}$	$\frac{10}{21x}$	$\frac{5}{7x}$	$\frac{20}{21x}$

$\frac{2x+2}{6x}$	$\frac{4x+4}{6x}$	$\frac{6x+6}{6x}$	$\frac{8x+8}{6x}$
$\frac{x+1}{3x}$	$\frac{2x+2}{3x}$	$\frac{x+1}{x}$	$\frac{4x+4}{3x}$

$\frac{10x+10}{6x}$	$\frac{20x+20}{6x}$	$\frac{30x+30}{6x}$
$\frac{5x+5}{3x}$	$\frac{10x+10}{3x}$	$\frac{5x+5}{x}$

$\frac{20x+10}{42x}$	$\frac{40x+20}{42x}$	$\frac{60x+30}{42x}$
$\frac{10x+5}{21x}$	$\frac{20x+10}{21x}$	$\frac{10x+5}{7x}$