

## Evaluating Integers

Sheet 2

1) Substitute  $u = -9$  ;  $v = 5$  and evaluate each expression.

i)  $v + \frac{8u}{5} + 1$

ii)  $v + (-16)$

iii)  $-u - v$

2) Substitute  $x = -$  \_\_\_\_\_ expression.

i)  $-(-z) + 3$

iii)  $-y - 15z + 6$

3) Substitute  $m =$  \_\_\_\_\_

i)  $\frac{5n}{9} - 8 + m$

iii)  $m - 19$

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4) Substitute  $p = -4$  ;  $q = -16$  ;  $r = -1$  and evaluate each expression.

i)  $p - 15$

ii)  $12 + 2r - (-p)$

iii)  $-q + \frac{10r}{p}$

**Answer key****Evaluating Integers**

Sheet 2

1) Substitute  $u = -9$  ;  $v = 5$  and evaluate each expression.

i)  $v + \frac{8u}{5} + 1$

ii)  $v + (-16)$

iii)  $-u - v$

$$-\frac{42}{5} \text{ or } -8\frac{2}{5}$$

$$-11$$

$$4$$

2) Substitute  $x = -$  \_\_\_\_\_ expression.

i)  $-(-z) + 3$

iii)  $-y - 15z + 6$

$$10$$

$$-117$$

3) Substitute  $m =$  \_\_\_\_\_

i)  $\frac{5n}{9} - 8 + m$

iii)  $m - 19$

$$5$$

$$-6$$

4) Substitute  $p = -4$  ;  $q = -16$  ;  $r = -1$  and evaluate each expression.

i)  $p - 15$

ii)  $12 + 2r - (-p)$

iii)  $-q + \frac{10r}{p}$

$$-19$$

$$6$$

$$\frac{37}{2} \text{ or } 18\frac{1}{2}$$

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