

MTH 3-14a

Homework 5

Silver Level



Outcome 1

Outcome 2

Gathering Like Terms

Substitution

Simplify the following expressions...

If $p = 5$, $q = 8$ and $r = 9$, calculate:-

1

$4x - 2x + 9x$

2

$5y + y - 8y$

1

$3p + 2q$

2

$7q - 4r$

3

$7p + 8q + 3p - q$

4

$6b + 4c - 5b - 10c$

3

$6p + 3q - r$

4

$5qr - 2p$

5

$4r - 6s + r + 2s$

6

$-m - 5n - 7m - n$

5

$4pr \div 10$

6

$10pq \div 2$

7

$l \times m$

8

$p \times 8q$

7

$\frac{p + q}{10}$

8

$\frac{qr}{2}$

9

$2g \times 9h$

10

$7e \times 10d$

9

$12 - \frac{1}{3}r$

10

$18 - \frac{1}{5}p$