

Name - _____

Start time - __ : __

End time - __ : __

Solve the following.Q1. If $x = 4$ and $y = 3$, find z when:

- a) $z = x + 2$
- b) $z = y - 1$
- c) $z = 3y$
- d) $z = 3y - 2$
- e) $z = x + y$
- f) $z = 6x - y$

Q2. If $a = -4$ and $b = -3$, find c when:

- a) $c = a - 4$
- b) $c = \frac{4b}{2a}$
- c) $c = b^3$
- d) $c = 4b$
- e) $c = 6b - a$
- f) $c = 5a - b^2$

Q3. If $r = \frac{3}{4}$ and $s = -\frac{1}{3}$, find q when:

- a) $q = 4r$
- b) $q = -2s$
- c) $q = r + s$
- d) $q = rs$
- e) $q = 4r + s$
- f) $q = \frac{s}{r}$

Q4. Use the formula $y = u + at$ to find v if $u = 2.6$, $a = -18.3$
and $t = 4.9$.

Working space