

Name _____

Date _____

Singapore Test 1A

Find the value of the following when $y = 8$

$20 - y$

$y + 3$

$3y + 1$

$2y$

$\frac{y}{2}$

$\frac{2y}{4}$

$\frac{3y - 4}{5}$

y^2

$2y^2$

Simplify the following expressions.

$x + x + x =$

$5x + 6x =$

$9p - 4p =$

$w + 4w + 3 + w =$

$7x + 8 - 4x - 5 =$

$12f - f - 6f =$

$4h + 9 - h - 1 =$

$2k + k + k + k =$

$5m - m - 3m =$

A box of oranges costs \$ y , a box of bananas costs \$3 less.

a) Express the cost of bananas in terms of y .

b) If the oranges cost \$10, what is the cost of the bananas?

Mary bought 6 posters. She gave the cashier \$40 and received \$ y change.

a) Express the cost of one poster in terms of y

b) If $y = \$10$, how much did each poster cost?