Chapter 11 Get Ready Answers

Question 1

a) $8+3\times 2-6=8+6-6$
$=8$

b) $4.8\div(2\times 2)+3.1=4.8\div 4+3.1$
$=1.2+3.1$
$=4.3$

c) $(1.4+3.1)\times 2\div 3=4.5\times 2\div 3$
$=9\div 3$
$=3$

Question 2

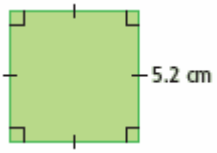
a) $50+3\times 25=50+75$
$=125$

b) $5.5\div 5+3.6=1.1+3.6$
$=4.7$

c) $8.2-11.2\div 2=8.2-5.6$
$=2.6$

Question 3

$P=4s$
$P=4(5.2)$
$P=20.8$



P = 20.8 cm

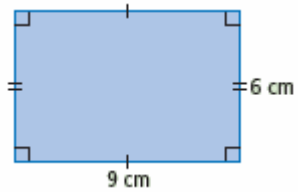
$A=s\times s$
$A=5.2\times 5.2$
$A=27.04$

A = 27.04 cm^2

Chapter 11 Get Ready Answers (continued)

Question 4

$P = 2l + 2w$
$P = 2(9) + 2(6)$
$P = 18 + 12$
$P = 30$



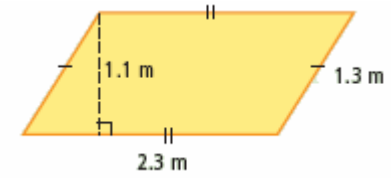
P = 30 cm

$A = l \times w$
$A = 9 \times 6$
$A = 54$

A = 54 cm^2

Question 5

$P = 2l + 2w$
$P = 2(2.3) + 2(1.3)$
$P = 4.6 + 2.6$
$P = 7.2$



P = 7.2 m

$A = bh$
$A = 2.3(1.1)$
$A = 2.53$

A = 2.53 m^2

Question 6

$A = bh$
$3.5 = b \times 1.1$
$\frac{3.5}{1.1} = \frac{b \times 1.1}{1.1}$
$3.18 = b$
$b = 3.18$

The length of the base of the parallelogram is 3.18 m.

Chapter 11 Get Ready Answers (continued)

Question 7

a) Add 4 to the preceding number. 16, 20, …

b) Add 5 to the preceding number. 20, 25, …

c) Subtract 4 from the preceding number. 12, 8, …

Question 8

a) 3, 6, 9, 12, 15, 18

b) 24, 18, 12, 6, 0, –6

c) 2, 5, 8, 11, 14, 17