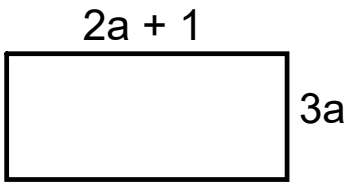
Warm up

1. $2a(a + 5) - (6 + 4a)3a$

2. 

a) Find the perimeter

b) What is the perimeter when a = 5?

c) Find the area

d) What is the area when a = 4?

solutions

Warm up

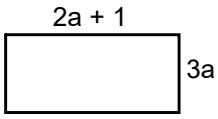
1. $2a(a + 5) - (6 + 4a)3a$

$2a^2 + 10a - (18a + 12a^2)$

$2a^2 + 10a - 18a - 12a^2$

$2a^2 - 12a^2 + 10a - 18a$

$-10a^2 - 8a$

2. 

a) Find the perimeter

$P = 3a + 3a + 2a + 1 + 2a + 1$

$= 10a + 2$

b) What is the perimeter when a = 5?

$P = 10a + 2$

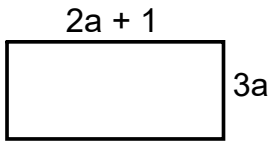
$= 10(5) + 2$

$= 50 + 2$

$= 52$

solutions Warm up

2.



c) Find the area

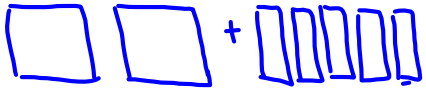
$A = l \times w$
$= 3a(2a+1)$
$= 6a^2 + 3a$

d) What is the area when a = 4?

$A = 6a^2 + 3a$
$= 6(4)^2 + 3(4)$
$= 6(16) + 12$
$= 96 + 12$
$= 108$

TEST PREPARATION:

MMS9

Page 258: Study Guide
Page 259: #1 TO #7, #9 and #10
Page 260: #12, #15, #16, #18 and #19
Page 261: #22 TO #29
Page 262: Practice Test

#1.a) $2u^2 + 5u$