Solving Equations involving Area of Rectangles
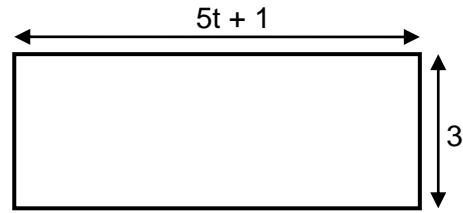
ANSWERS

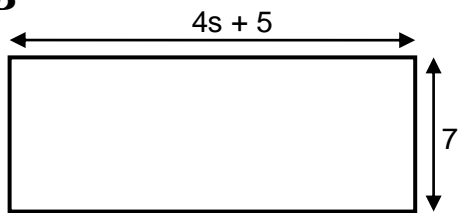cazoom!

Section A

3a + 4

2
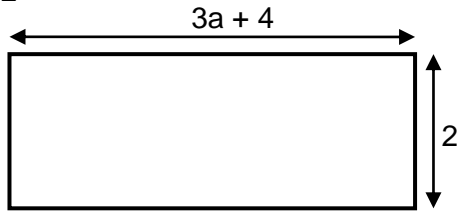
Area	=	44cm^2
Longest side	=	22cm
Perimeter	=	48cm

5t + 1

3

Area	=	48cm^2
Longest side	=	16cm
Perimeter	=	38cm

Section B

4s + 5

7

Area	=	63cm^2
Longest side	=	9cm
Perimeter	=	32cm

3b + 2

4
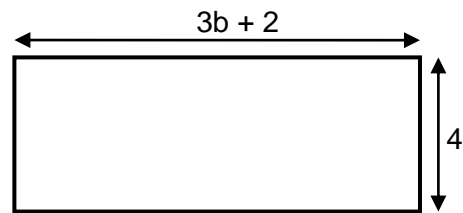
Area	=	116cm^2
Longest side	=	29cm
Perimeter	=	66cm

Section C

p - 3

2
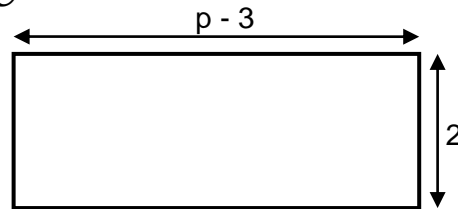
Area	=	22cm^2
Longest side	=	11cm
Perimeter	=	26cm

11

2c - 1
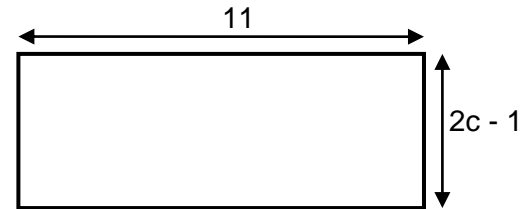
Area	=	77cm^2
Shortest side	=	7cm
Perimeter	=	36cm

Section D

3q

2q
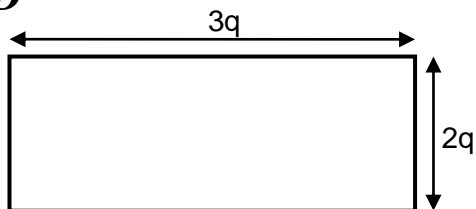
Area	=	54cm^2
Shortest side	=	6cm
Longest side	=	9cm
Perimeter	=	30cm

4w

3w
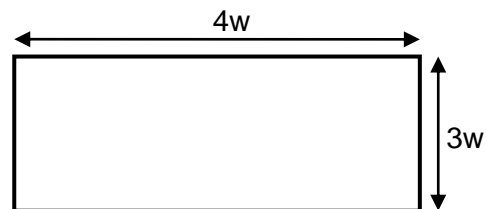
Area	=	48cm^2
Shortest side	=	6cm
Longest side	=	8cm
Perimeter	=	28cm