

Review Task

Year 7

Angles:

Fill in the table below with four angles you can find matching the types in the diagram below:

Acute angle	Right angle	Obtuse angle	Straight angle	Reflex angle
$\angle RQS$	$\angle RSQ$	$\angle PRW$	$\angle PQR$	reflex $\angle PRW$

Area and Perimeter:

Complete the area calculations for these shaded shapes:

6 mm

4 mm

Area ① = mm × mm

= mm²

Area ② = mm × mm

= mm²

4 mm

2 mm

∴ Composite area = ① + ② mm²

= mm²

11 m

5 m

Area ① = × × m²

= m²

Area ② = × m²

= m²

11 m

5 m

∴ Composite area = ① + ② m²

= m²

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Converting Units:

Draw lines connecting the matching mass measurements below.

4000 g

40 kg

0.400 t

400 g

0.40 mg

4000 t

0.004 kg

40 000 mg

0.04 g

○

○

○

○

○

○

○

○

○

A

1

V

S

4

E

I

7

○

○

○

○

○

○

○

○

○

4 g

400 kilograms

4 kg

0.4 kg

40 mg

0.04 Mg

$4 \div 10^7 \text{ kg}$

40 grams

$4 \times 10^9 \text{ grams}$

1

2

3

4

5

6

7

Algebra Basic:

Draw lines to match each table of values with the correct matching rule.

a	0	2	4	6	8
b	2	3	4	5	6

•

a	1	2	3	4	5
b	1	6	11	16	21

•

a	0	1	2	3	4
b	0	3	6	9	12

•

a	0	1	2	3	4
b	3	5	7	9	11

•

• $b = 2a + 3$

• $b = \frac{a+4}{2}$

• $b = 3a$

• $b = 5a - 4$



Have a go at figuring out the rule used for each table of values below and fill in the gaps.

a Rule:

x	0	1	2	3	4
y	5	6			9

b Rule:

m	0	1	2	3	4
n	0	4		12	

c Rule:

p	0	1	2	3	4
q	-3		-1		1

d Rule:

c		1		5	6
d	-5	-1	3		19

Mathletics

[illegible]