Term 2 Revision

Paper 1

1. Fill in <, > or = to make the following mathematical statements true.

a) $\frac{1}{3}$ ____ $\frac{5}{7}$ **b)** $\frac{6}{7}$ ____ $\frac{4}{9}$ **c)** $\frac{7}{11}$ ____ $\frac{5}{6}$ **d)** 3 ____ $\frac{1}{3}$

2. Calculate.

a) $\frac{1}{3} + \frac{4}{5} - \frac{3}{8}$

b) $4\frac{1}{3} \times \frac{4}{5}$

c) 0,75 × 0,5 + 0,5 ÷ 0,25

d) 0,1 × 0,5 + 0,2

e) A third plus a half minus two fifths

f) Four fifths plus two thirds

3. Fill in the following tables.

a)

Percentages	Common fractions	Decimals
	$\frac{3}{5}$	
		0,125
0,5%		
		0,75
25%		

b)

Input	1	2	3	10		40
Output	0	3	6		60	

4. Chris, Dirk and Leo share an amount of money. Chris gets two thirds, Dirk gets a fifth and Leo gets the remaining fraction.

a) What fraction do Dirk and Chris get together?

b) Write Dirk and Chris's amount as a percentage, rounded off to one decimal place.

c) Write Dirk and Chris's amount as a decimal fraction, rounded off to two decimal places.

d) What fraction does Leo get?

e) Write Leo's fraction as a percentage.

f) Write Leo's fraction as a decimal fraction rounded off to one decimal place.

g) How much will Dirk get if Chris gets R6 000?

h) How much will Leo get if Chris gets R6 000?

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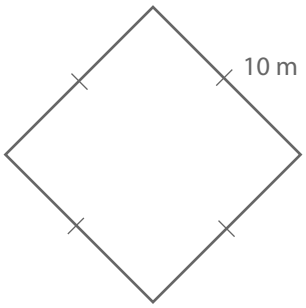
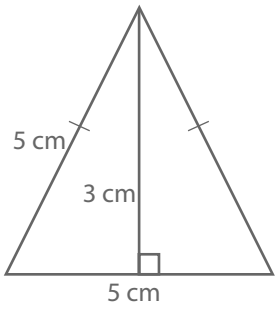
Paper 2

1. Find the perimeter and area of the following figures.

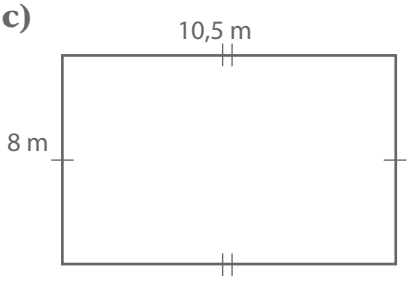
a)



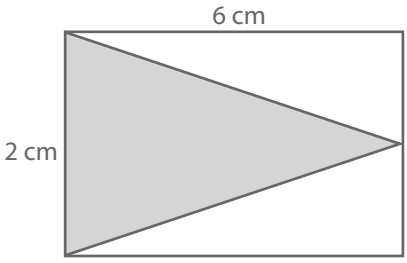
b)



c)



2. Study the shapes in this diagram and answer the following questions.



a) Calculate the area of the rectangle.

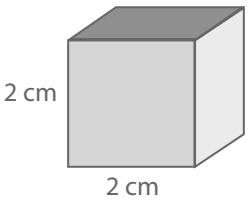
b) Calculate the area of the shaded triangle.

c) Calculate the area of the remaining triangles that are not shaded.

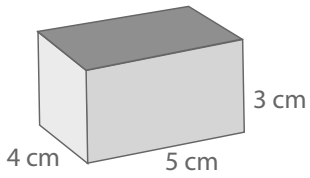
3. Name the three dimensions of a 3D object.

4. Calculate the surface area of the following 3D objects.

a)



b)



5. Calculate the volume of:

a) a rectangular prism with length 8 cm, breadth 3 cm and height 3 cm.

b) a cube with sides 5 cm.

6. Convert the following volumes.

a) 5 ℓ = ____ ml

b) 9 000 ℓ = ____ m^3

c) 56 ml = ____ cm^3

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