

Name:

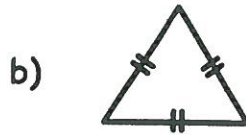
Year 8 HOMEWORK

TERM 2
SHEET 8

1. Naming 2D shapes



- pentagon
- hexagon
- heptagon
- octagon



- equilateral triangle
- isosceles triangle
- scalene triangle
- right triangle



- diamatoid
- trapezium
- rhombus
- pentagon

2. Naming parts of the circle



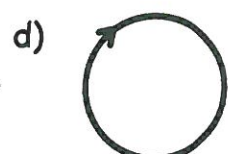
- radius
- diameter
- chord



- arc
- chord
- radius



- arc
- segment
- chord



- diameter
- radius
- circumference

3. Equivalent fractions

a) $\frac{1}{2} = \frac{\quad}{10}$

b) $\frac{1}{2} = \frac{\quad}{30}$

c) $\frac{1}{4} = \frac{\quad}{100}$

d) $\frac{1}{5} = \frac{\quad}{50}$

e) $\frac{1}{10} = \frac{\quad}{50}$

f) $\frac{1}{3} = \frac{\quad}{90}$

g) $\frac{1}{8} = \frac{\quad}{16}$

h) $\frac{1}{6} = \frac{\quad}{36}$

i) $\frac{1}{5} = \frac{\quad}{200}$

j) $\frac{1}{7} = \frac{\quad}{49}$

k) $\frac{1}{4} = \frac{20}{\quad}$

l) $\frac{1}{10} = \frac{30}{\quad}$

m) $\frac{\quad}{5} = \frac{80}{100}$

n) $\frac{\quad}{6} = \frac{25}{30}$

o) $\frac{3}{\quad} = \frac{30}{80}$

4. Balancing Equations

a) $12 \times 10 = 3 \times \quad$

b) $65 \times 2 = 13 \times \quad$

c) $25 \times 5 = 150 - \quad$

d) $200 + 350 = 50 \times \quad$

e) $136 + 320 = 500 - \quad$

f) $\quad \times 60 = 500 - 200$

g) $\quad \times 20 = 500 \times 2$

h) $350 + 1000 = 2000 - \quad$

i) $36 \times 20 = 1000 - \quad$

j) $25 \times 1000 = \quad \times 100$

k) $362 \times 5 = \quad \times 10$

l) $1000 - 326 = 156 + \quad$

m) $99 \times 56 = 8 \times \quad$