

Name: _____

Date: _____

RATIO & PROPORTION

1. Write the following ratio in their simplest form

(Based on our class of 21 children, 8 windows, 2 doors, 18 desks, 36 chairs)

Ratio of heads to eyes _____

Ratio of windows to doors _____

Ratio of chairs to tables _____

2. Write the following ratio in their simplest form

5:10 _____

6:15 _____

8:14:30 _____

3. Emma and Kate share £40 in the ratio 3 : 5

How much do Emma & Kate get each? Emma = £_____

Kate = £_____

4. The ratio of rabbits to foxes is 200: 3.

If there are 1000 foxes how many rabbits are there? _____

5. £8 000 is shared between three schools in the ratio of 2:3:5

How much will each school get? A=£_____; B=£_____; C=£_____

6. Strong mortar is made from sand and cement in the ratio 3:1.

a. How much cement is needed to mix with 90kg of sand? _____

b. How much sand is needed to mix with 40kg of cement? _____

c. How much sand is in 100kg of strong mortar? _____