

# Sutton Maths Class

## Year 5 - Week 10 - Homework

### Homework (starred questions are optional):

1\*  $\frac{4}{5} + \frac{1}{4} - \frac{7}{10} =$

2  $\frac{8}{9} \div \frac{1}{3} =$

3  $\frac{3}{4} \times \frac{2}{5} =$

4  $\frac{2}{5} + \frac{5}{6} =$

5 What is 0.42 as a percentage?

6 What is  $\frac{1}{8}$  as a percentage?

7 What is 65% as a fraction?

8  $0.6 \times 0.9 =$

9  $0.05 \times 4.2 =$

10\*  $(0.05)^2 =$

11  $7 \div 0.5 =$

Hint: How many times does 0.5 'go into' 1?

12 Find  $\frac{3}{4}$  of 2400kg.

13 Find 32% of £500.

14 A shop is having 20% of all items in a sale. What is the sale price of a shirt that cost £30 before the sale?

15 What is 28p as a fraction of £7?

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- 16 What is 60cm as a percentage of 20m?
- 17 Calculate  $-1 - 9$
- 18 Calculate  $7 - 20$
- 19 If the temperature outside is  $-7$  degrees and falls by 10 degrees. What is the new temperature.
- 20 Calculate  $-6 - +10$
- 21 Calculate  $-4 - -10$
- 22  $28 \div -7 =$
- 23  $12 \times -10 =$
- 24 What is the highest common factor of 56 and 20?
- 25 Write 150 as a product of primes.
- 26 Which is the first prime number?
- 27 What is the lowest common multiple of 5 and 6?
- 28  $7^2 - 3^2 =$
- 29 What is the fourth triangular number?
- 30 Place the following numbers in the Venn Diagram:  
1, 3, 5, 10, 21, 23, 25, 36

