

## Numeracy Homework

Date Handed Out: Friday 17<sup>th</sup> November 2017

Date Due In: Wednesday 22<sup>nd</sup> November 2017

You only need to do one of the following, so which one will you choose to do?

# Menu

**Gold:** To really challenge you to apply what you have learnt this week

**Silver:** To extend your learning and build on prior knowledge

**Bronze:** To consolidate what you have learnt in the class

Remember you only have to choose one, either a bronze, silver or gold activity. You may use the computer to type and print out, if you find it easier.

## Bronze

### Converting Improper Fractions to Mixed Numbers

1)  $\frac{29}{8} = \underline{\quad}$       2)  $\frac{51}{10} = \underline{\quad}$       3)  $\frac{53}{7} = \underline{\quad}$

4)  $\frac{38}{6} = \underline{\quad}$       5)  $\frac{30}{4} = \underline{\quad}$       6)  $\frac{11}{2} = \underline{\quad}$

7)  $\frac{20}{9} = \underline{\quad}$       8)  $\frac{37}{5} = \underline{\quad}$       9)  $\frac{11}{4} = \underline{\quad}$

10)  $\frac{36}{5} = \underline{\quad}$       11)  $\frac{29}{7} = \underline{\quad}$       12)  $\frac{43}{6} = \underline{\quad}$

### Converting Mixed Numbers to Improper Fractions

1)  $9\frac{2}{5} = \underline{\quad}$       2)  $6\frac{1}{3} = \underline{\quad}$       3)  $2\frac{1}{2} = \underline{\quad}$

4)  $2\frac{2}{3} = \underline{\quad}$       5)  $2\frac{1}{2} = \underline{\quad}$       6)  $3\frac{1}{8} = \underline{\quad}$

7)  $3\frac{1}{3} = \underline{\quad}$       8)  $3\frac{2}{5} = \underline{\quad}$       9)  $4\frac{2}{3} = \underline{\quad}$

10)  $6\frac{1}{4} = \underline{\quad}$       11)  $4\frac{2}{5} = \underline{\quad}$       12)  $3\frac{1}{9} = \underline{\quad}$

## Silver:

1. I have eaten **Error! Reference source not found.** of the chocolates in the box, if there were 56 chocolates:

- How many have I eaten?
- How many are left?

2. **Error! Reference source not found.** of the tickets for a Lady Gaga concert have been sold. If there are 2000 tickets how many have been sold?

3. In a car park **Error! Reference source not found.** of the cars are silver. There are 700 cars in the car park. How many are NOT silver?

4. In a room **Error! Reference source not found.** of the people are male. If there are 60 people in the room how many:

- men
- women are there?

5. A shop sold **Error! Reference source not found.** of all their newspapers one morning. The rest they returned. If they had 360 papers.

- How many did they sell?
- How many did they return?

6. **Error! Reference source not found.** of Derk computers are faulty. If the company has to repair 8000 one year how many did they sell?

## Gold:

$$1) \quad 3\frac{1}{12} + 6\frac{2}{4} =$$

$$2) \quad 3\frac{4}{6} + 7\frac{3}{8} =$$

$$3) \quad 3\frac{8}{14} + 9\frac{19}{28} =$$

$$4) \quad 1\frac{7}{66} + 9\frac{6}{22} =$$

$$5) \quad 2\frac{2}{15} + 7\frac{2}{3} =$$

$$1) \quad 5\frac{3}{5} - 2\frac{1}{10} =$$

$$2) \quad 5\frac{2}{3} - 4\frac{2}{4} =$$

$$3) \quad 5\frac{3}{4} - 4\frac{2}{5} =$$

$$4) \quad 9\frac{3}{5} - 1\frac{2}{4} =$$

$$5) \quad 6\frac{3}{10} - 1\frac{1}{4} =$$

