

Name: _____

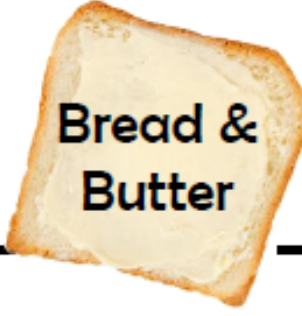
Class: _____

Teacher: _____

Year 9

Term 1

Numeracy Homework Booklet



Bread &
Butter



Week 1

1) $3 \times 1\frac{1}{2}$

2) Half of $2\frac{1}{2}$

3) $10 \times (2.1 + \underline{\quad}) = 100$

4) 5% of 140

5) Round off 8268 to two significant figures.

6) $10^2 \times \underline{\quad} = 3000$

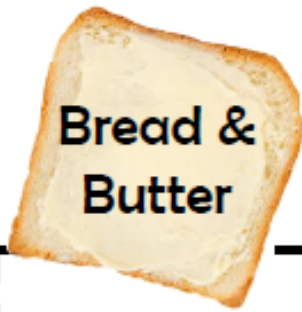
7) Increase £60 by 25%.

8) $1\frac{1}{5}$ kg = $\underline{\quad}$ g

9) Calculate the circumference of a circle with diameter 10cm. (Use $\pi = 3.14$.)



$\underline{\quad}$ out of 9



Week 2

1) $1 : 4 = \underline{\quad} : 20$

2) 45×67

3) $\underline{\quad}\%$ of 300 g
= 60 g

4) $\underline{\quad} \div 2 + 30 =$
100

5) $1000 - 28.3 +$
35.6

6) Write down the
fraction that is
exactly half way
between 50% and
0.7.

7) $300 - 3 \times 2^2$

8) 20% of 80 =
40% of $\underline{\quad}$

9) $2 \frac{1}{10}$ km =
 $\underline{\quad}$ cm

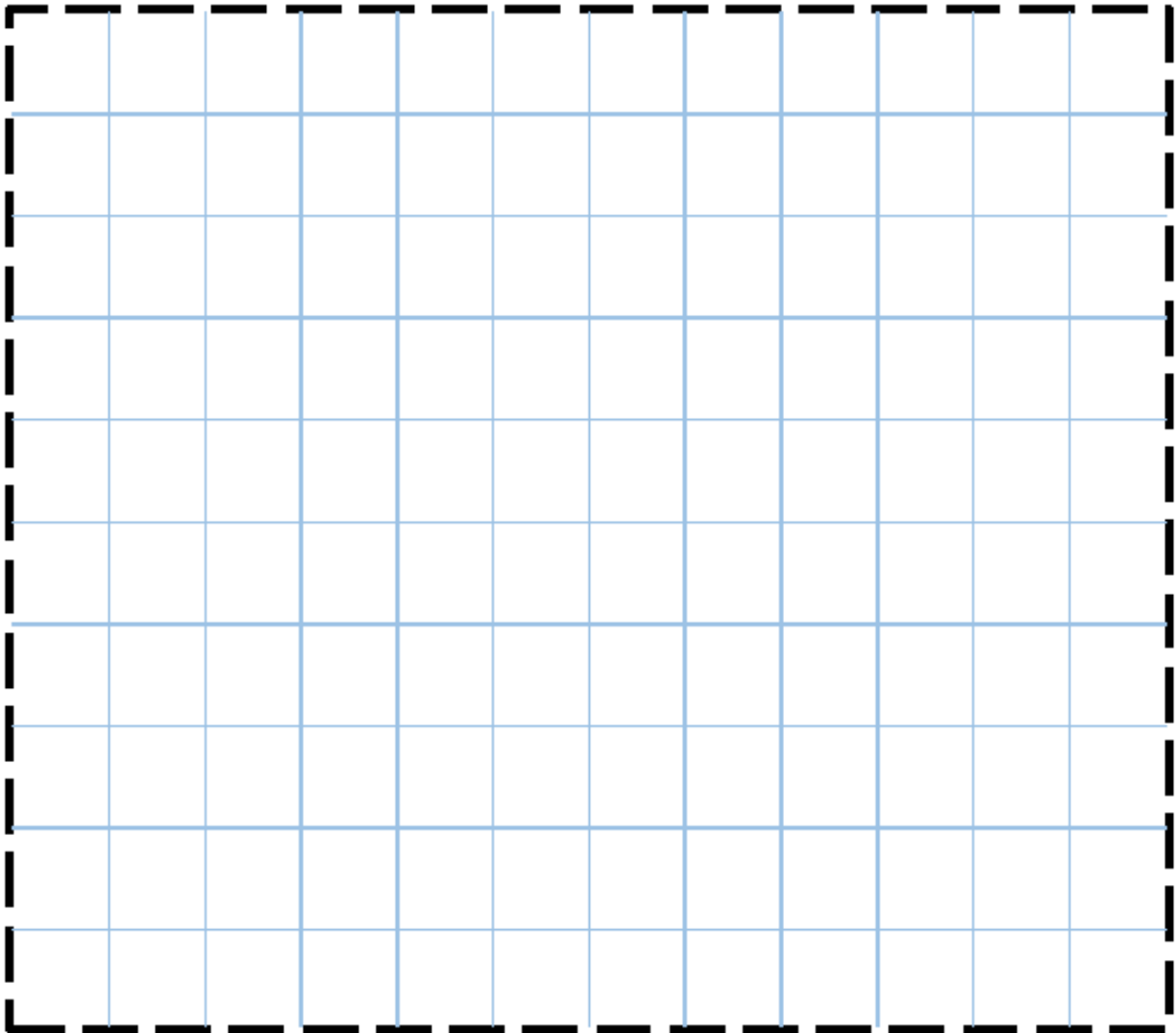
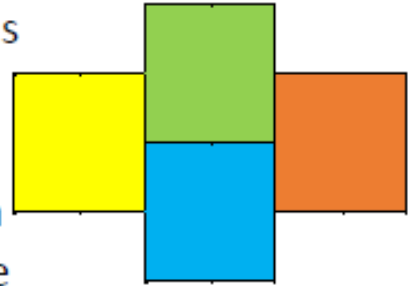
Week 2

Ysgol y Creuddyn

The Mathematics Department



The perimeter of a square is 20 cm. Four of these squares are put together to make the pattern shown on the right. (a) What is the outside perimeter of the pattern?
(b) What is the area of the coloured squares?



**Bread &
Butter****Week 3**

1) 5^3

2) 1% of £200

3) 2.4 litres =
_____ ml

4) Write down
254,000 in
standard form.

5) 0.1×0.6

6) $6 \div 0.2$

7) Find the mean
of 9, 2, 4, 0, 1, 4, 5,
3.8) What is £44
reduced by 10%?

9) $2^{11} \div 2^7$

_____ out of 9

**Bread &
Butter****Week 4**

1) $360 \div 24$

2) 40% of £170

3) $30 - 4.58$

4) Write down the fraction that is exactly half way between $\frac{1}{10}$ and $\frac{2}{5}$.

5) Write down 0.18 as a fraction, in its simplest form.

6) $\left(\frac{3}{4}\right)^2$

7) $10^3 \div (3^2 + 4^2)$

8) Given that $\frac{2}{3} = 0.\dot{6}$, write down the fraction that is equal to $0.0\dot{6}$.9) Calculate the area of a circle with radius 3 cm. (Use $\pi = 3.14$.)— out of 9

**Bread &
Butter****Week 5**

1) $£50 - £14.83$

2) $5.4 + 2.5 \times 5$

3) $8 \text{ m} = \underline{\hspace{2cm}}$
mm

4) $\frac{3}{4} \times \frac{2}{3}$

5) Round off 8397
to one significant
figure.

6) 15% of \$70

7) 32.6×4.7

8) The reciprocal
of $\frac{5}{6}$ is

9) $3^5 \times 3^8$


— out of 9

**Bread &
Butter****Week 6**

1) $-2 + 18 - 4$

2) $8000 - 2468$

3) Calculate $\frac{5}{9}$ of
£108.4) Reduce £250 by
35%.5) $6,350 \text{ mg} =$
_____ g6) Divide £45
between Ann and
Sue according to
the ratio 7:8.

7) $1\frac{1}{2} \times 2\frac{2}{3}$

8) Dewi travels 28
miles in 2 hours.
What is Dewi's
average speed?

9) 275×93


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**Bread &
Butter****Week 7**

1) Write down $\frac{4}{5}$ as
a decimal.

2) $5 + 2 \times 4$

3) If £1 = \$1.23,
what is the
equivalent of £7 in
dollars?

4) $0.3 - \underline{\hspace{2cm}} =$
0.18

5) 30×0.07

6) Round off
48.034581 to 3
decimal places.

7) $(0.1)^2$

8) $2\frac{2}{3} + 3\frac{1}{4}$

9) Density = Mass
÷ Volume so
Mass =



— out of 9

