

### Revision of Work

Answer all questions

1. (a) 
$$\begin{array}{r} 2696 \\ + 722 \\ \hline 1351 \end{array}$$

(b) 
$$\begin{array}{r} 8657 \\ - 6094 \\ \hline \end{array}$$

2

(a) 
$$\begin{array}{r} 4397 \\ \times 7 \\ \hline \end{array}$$

(b) 
$$\begin{array}{r} 6936 \\ \hline \end{array}$$

3.

Write the next two numbers in each sequence.

(a) 1, 2, 4, 7, 11, \_\_\_\_\_, \_\_\_\_\_ ...

(b) 9, 16, 25, 36, \_\_\_\_\_, \_\_\_\_\_ ...

4.

Fill in the blank to make an equivalent equation.

(i)  $\frac{3}{5} = \frac{\underline{\hspace{2cm}}}{25}$

(ii)  $\frac{6}{8} = \frac{9}{\underline{\hspace{2cm}}}$

5.

The prime factors of a number are  $2 \times 2 \times 2 \times 5 \times 5$ .

(a) Express this in index form.

Answer: \_\_\_\_\_

(b) What is the number?

6.

(a)

Calculate the value of  $2\frac{1}{2} \times \frac{9}{10}$ .

$$\underline{\quad} \times \underline{\quad} = \underline{\quad}$$

(b)

Express your answer in (a) as a mixed fraction.

$$= \underline{\quad} \underline{\quad}$$

7.

(a) Complete the following bill.

Item	Unit Price	Total
3 tins of Soup	\$1.09 each	
1 loaf bread	\$3.19 each	
4 packs of cookies	2 packs for \$2.39	
TOTAL:		

(b) Calculate the change from \$12.

8. Work out

$$(a) 7 - (-2) = \quad (b) (-8) + (-2) = \quad (c) 19 \times 2 = 4 \quad (d) \frac{200}{-4} =$$

9. What is the value of  $6^3 + 5 =$

10. Work out  $13 - 42 \div 7 + 2$

