

YEAR 6 BASIC ASSESSMENT

1. Write the following number in expanded notation:

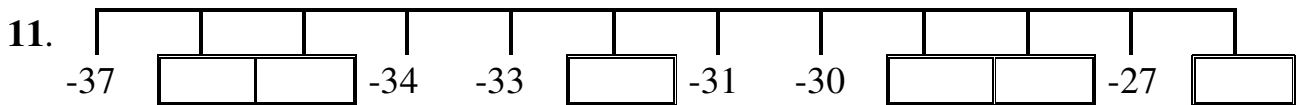
$$12 = (\quad \times 100) + (\quad \times 10) + \quad$$

Put in the missing sign =, < or >.

2. $\frac{7}{8}$ $\frac{4}{5}$ 3. $\frac{6}{12}$ $\frac{11}{22}$ 4. $\frac{5}{7} + \frac{9}{12}$ $\frac{3}{7} - \frac{1}{4}$

5. $\frac{1}{2} + \frac{4}{5} = \frac{\quad}{\quad}$ 6. $\frac{6}{7} + \frac{3}{5} = \frac{\quad}{\quad}$ 7. $\frac{3}{4} + \frac{9}{12} - \frac{1}{3} = \frac{\quad}{\quad}$

8. $\frac{1}{2} \times 2 = \frac{\quad}{\quad}$ 9. $\frac{7}{8} \div \frac{1}{4} = \frac{\quad}{\quad}$ 10. $\frac{3}{4} \times 2\frac{1}{2} = \frac{\quad}{\quad}$



Round off to the nearest 100 or 1000

12. 107 to 13. 571 to 14. 2349 to

15.
$$\begin{array}{r} 378 \\ 491 \\ 635 \\ + 927 \\ \hline \end{array}$$

16.
$$\begin{array}{r} 4372 \\ - 1579 \\ \hline \end{array}$$

17.
$$\begin{array}{r} 3427 \\ \times 362 \\ \hline \end{array}$$

18.
$$\begin{array}{r} 127 \overline{)4871} \\ \hline \end{array}$$

19. Write down the prime factors of 84.

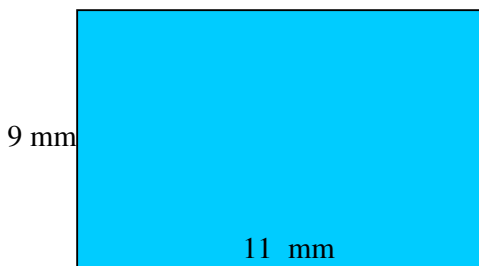
Convert the decimals to fractions

20. 2.6 = $\frac{\quad}{\quad}$ 21. 0.98 = $\frac{\quad}{\quad}$ 22. 0.163 = $\frac{\quad}{\quad}$ 23. 2.051 = $\frac{\quad}{\quad}$

Convert these fractions to percentages

24. $\frac{2}{10} = \quad \%$ 25. $\frac{30}{100} = \quad \%$ 26. $\frac{1}{2} = \quad \%$ 27. $\frac{3}{4} = \quad \%$

28.



a) Find the area of the rectangle.

b) Find the perimeter of the rectangle.