

***Show all working in this section**

QUESTION 1 If $x = 4$, $y = 3$ and $z = 2$, find the value of:

- a $x + y =$ _____ b $y + z =$ _____ c $x - y - z =$ _____

 d $2xy =$ _____ e $x^2 + y^2 =$ _____ f $xyz =$ _____

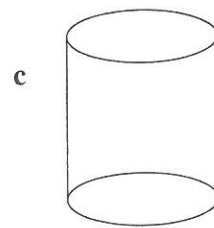
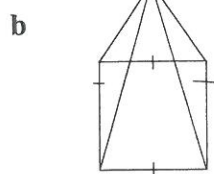
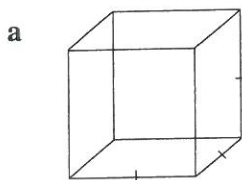
QUESTION 2

- a Add 4 days, 6 hours and 32 minutes to 7 days, 9 hours and 45 minutes. _____
 b From 19 h 36 min take away 7 h 23 min. _____
 c How many hours are there from Friday noon to 10 p.m. (the same day)? _____
 d How many hours are there from 9.00 a.m. to 3 p.m. the same day? _____

QUESTION 3 What will be the time:

- a 20 minutes after 10.20 a.m. _____ b 15 minutes after 5.40 a.m. _____
 c 50 minutes after 2.15 p.m. _____ d 25 minutes after 6.30 a.m. _____
 e 15 minutes after 4.51 p.m. _____ f 32 minutes after 5.43 p.m. _____
 g 10 minutes after 8.57 a.m. _____ h 17 minutes after 6.30 a.m. _____
 i 35 minutes after 6.09 p.m. _____ j 3 hours after 9.10 p.m. _____

QUESTION 4 Name the following solids.



QUESTION 5 Use the fraction key to calculate the following.

- a $\frac{2}{3} + \frac{1}{6} - \frac{1}{9} =$ _____ b $2\frac{1}{3} + 5\frac{1}{4} - 3 =$ _____ c $\frac{1}{8} \times \frac{4}{7} \div \frac{1}{2} =$ _____
 d $4\frac{1}{2} \times 5\frac{2}{3} \div 1\frac{1}{2} =$ _____ e $\frac{2}{5} \times \frac{4}{7} \div \frac{1}{2} =$ _____ f $2\frac{3}{4} - 1\frac{1}{8} + 3\frac{1}{4} =$ _____
 g $3\frac{1}{2} \times 2\frac{1}{2} \times 1\frac{1}{2} =$ _____ h $2\frac{1}{4} \div \frac{2}{5} \times \frac{7}{9} =$ _____ i $5\frac{3}{5} \times \frac{4}{7} \div 2\frac{1}{5} =$ _____
 j $\frac{5}{14} \times \frac{7}{10} \times 1\frac{2}{3} =$ _____ k $\frac{5}{9} + \frac{11}{12} - \frac{5}{6} =$ _____ l $9\frac{3}{7} \div 1\frac{1}{4} \times 2\frac{1}{2} =$ _____