



CTSC MATHS THINKER



Grade 4 - Division

We are trying out DIVISION WITH OR WITHOUT A REMAINDER to challenge the Grade 4 maths skills.

QUESTIONS:

1. If 92 Easter eggs are shared amongst 4 children, how many Easter eggs does each child get?
2. South Africa has been in lockdown for 84 days, how many weeks is that?
3. Gabi's daughter, Lilli, is 72 months old, how old is she in years?
4. At the soccer club, the coach divided 55 players into teams of 4. How many teams can he make and how many players will not be in a team of 4?
5. It takes the earth 24 hours to spin once on its axis. How many complete spins can it make in 50 hours?
6. Captain Cook found 50 gold coins and shares it out among his crew of 6. He takes the remainder of coins for himself. How many coins does each member of the crew get? How many coins does Captain Cook keep for himself?

Note: Learners must be encouraged to do these sums without using a calculator.

MEMORANDUM

Question 1

$$\begin{array}{r} 23 \\ 4 \overline{) 92} \\ \underline{8} \\ 12 \\ \underline{12} \\ 0 \end{array}$$

Question 1:

$$92 \div 4 = 23$$

Each child will get 23 Easter eggs.

Question 2

$$\begin{array}{r} 12 \\ 7 \overline{) 84} \\ \underline{7} \\ 14 \\ \underline{14} \\ 0 \end{array}$$

Question 2:

$$84 \div 7 = 12$$

There are 12 weeks in 84 days.

Question 3

$$\begin{array}{r} 06 \\ 12 \overline{)72} \\ \underline{0} \\ 72 \\ \underline{72} \\ 0 \end{array}$$

Question 3:

$$72 \div 12 = 6$$

Lilli is 6 years old.

Question 4

$$\begin{array}{r} 13 \\ 4 \overline{)55} \\ \underline{4} \\ 15 \\ \underline{12} \\ 3 \end{array}$$

Question 4:

$$55 \div 4 = 13 \text{ r } 3$$

There will be 13 teams of 4.3 players will not be in a team of 4.

Question 5

$$\begin{array}{r} 02 \\ 24 \overline{)50} \\ \underline{0} \\ 50 \\ \underline{48} \\ 2 \end{array}$$

Question 5:

$$50 \div 24 = 2 \text{ r } 2$$

The Earth can make 2 complete spins.

Question 6

$$\begin{array}{r} 08 \\ 6 \overline{)50} \\ \underline{0} \\ 50 \\ \underline{48} \\ 2 \end{array}$$

Question 6:

$$50 \div 6 = 8 \text{ r } 2$$

The crew get 8 coins each and Captain Cook gets 2 coins.