1) $5n + 100 = 125$ n =

2) $16t - 50 = 14$ t =

3) $20k \times 4 = 160$ k =

4) $8p + 30 = 110$ p =

5) $3d - 7 = 56$ d =

6) $9w + 1000 = 1072$ w =
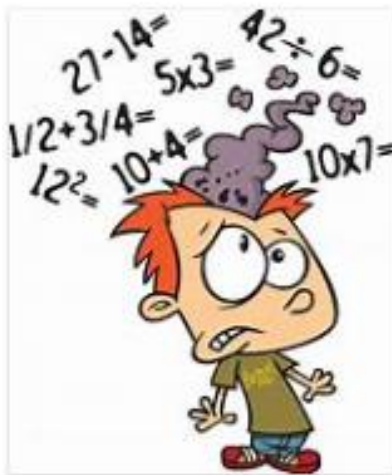
7) $6r \times 10 = 540$ r =

8) $2c + 17 = 20$ c =

Measurement

Solve problems involving converting between units of time.

- What is 444 minutes in hours and minutes?

- Anya finishes school at twenty past three in the afternoon. Circle the 24 hour clock that is showing the time Anya finishes school.

  03:20

  13:20

  20:03

  15:20

  20:15

- Patrick begins watching a film at 4:27pm for 90 minutes. What time does the film finish?

- Order these times in the evening beginning with the earliest.

  Half past 9

  21:40

  Quarter to nine

  8:35pm

- Order these durations beginning with the smallest. Explain your thinking.

  1 min

  100 secs

  180 secs

  3 mins

- Fatima says,

  > 100 minutes is 10 times bigger than 100 seconds

  Do you agree? Explain why.

- Work out how many days old a baby will be when it has lived for 1 million seconds.

- During a long haul flight, Beth, Caroline and Kelsey all had a sleep.

  Kelsey slept four times longer than Caroline did.

  Beth slept 15 minutes less than Kelsey did.

  Beth slept for 1 hour and 45 minutes.

  How many minutes did Caroline sleep for?

- One of these watches is 3 minutes fast and one is 4 minutes slow.

  Work out the correct time.