Arithmetic

1. 45 + 28

2. 24 − 8

3. ? x 2 = 8

4. $\frac{1}{2}$ of ? = 15

Practice: Compare Durations of Time

5. Circle the shortest time.

half an hour   2 hours   10 minutes

3 quarters of an hour   610 seconds

6. Look at the school timetable.

The shortest lesson is [ ]

lesson	Start time	End time
maths	9 o'clock	10 o'clock
art	5 minutes past 10	Quarter to 12
science	12 o'clock	20 minutes past 12

7. Use < > or = to compare the durations of times.

60 minutes [ ] one hour

70 seconds [ ] one minute

Quarter of an hour [ ] 20 minutes

You might want to talk to an adult

Use resources to help you

Spot the mistake

8. Write the times from longest duration to shortest duration.

| 20 seconds | 1 minute | one day | 20 hours |

longest   shortest

| | | | |

9. Which is longer, 1 hour or 60 minutes?

How do you know?

10. Pixie says she has ordered these times from the longest duration to the shortest duration.

1 hour, 5 days, 10 seconds, 30 minutes

Is she right? Explain.

Challenge

11. Calculate and order the durations of time from the longest duration to the shortest duration. Show your workings.

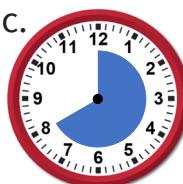a. start - quarter to 1
   end - 1 o'clock

b. start   end

c.

Answers

Q no.	Question	Answer
1	45 + 28	73
2	24 − 8	16
3	? x 2 = 8	4
4	$\frac{1}{2}$ of ? = 15	30
5	Circle the shortest time.	10 minutes
6	The shortest lesson is ?	science
7	Use < > or = to compare the durations of times.	=, >, <
8	Write the times from longest duration to shortest duration.	One day, 20 hours, 1 minute, 20 seconds.
9	Which is longer, 1 hour or 60 minutes? How do you know?	Neither 1 hour or 60 minutes is longer, both times are equal.
10	Pixie says she has ordered these times from the longest duration to the shortest duration. 1 hour, 5 days, 10 seconds, 30 minutes. Is she right? Explain.	Pixie has ordered the times according to the numbers and has not considered the unit of measure. The correct order is 5 days, 1 hour, 30 minutes, 10 seconds.
11	Calculate and order the durations of time from the longest duration to the shortest duration. Show your workings.	c. 40 minutes b. 20 minutes a. 15 minutes