



Monday 13th July

Year 5: Converting Units of Time

Introduction

Draw a line to match each unit of time to the correct answer.

minutes in an hour

7

hours in a day

365

days in a week

60

days in a fortnight

12

days in a years

24

months in a year

14

Introduction

Draw a line to match each unit of time to the correct answer.

minutes in an hour	7
hours in a day	365
days in a week	60
days in a fortnight	12
days in a years	24
months in a year	14

Varied Fluency 1

Match the equivalent times.

300
seconds

4 minutes

240
seconds

3 minutes

180
seconds

5 minutes

Varied Fluency 1

Match the equivalent times.

300
seconds

4 minutes

240
seconds

3 minutes

180
seconds

5 minutes

Varied Fluency 2

True or False?

8 weeks = 54 days

Varied Fluency 2

True or False?

8 weeks = 54 days

False: 8 weeks = 56 days

Varied Fluency 3

Complete the statement below.

720 minutes =

A	12 hours 10 minutes
B	20 hours 12 minutes
C	12 hours

Varied Fluency 3

Complete the statement below.

720 minutes = C

A	12 hours 10 minutes
B	20 hours 12 minutes
C	12 hours

Varied Fluency 4

Sort the times into ascending order.

2 years

1 year 4
months

14 months

26 months

Varied Fluency 4

Sort the times into ascending order.

14 months

1 year 4
months

2 years

26 months

Problem Solving 1

Arrange the cards into a correct number sentence.
Find all the possibilities.

$>$

$<$

340
minutes

5.5 hours

365
minutes

Problem Solving 1

Arrange the cards into a correct number sentence.
Find all the possibilities.

>

<

340
minutes

5.5 hours

365
minutes

Various possibilities, for example:

340 minutes < 365 minutes > 5.5 hours

340 minutes > 5.5 hours < 365 minutes

365 minutes > 5.5 hours < 340 minutes

5.5 hours < 365 minutes > 340 minutes

Reasoning 1

Carly says:



Half term starts
in 58 days.

Josh says:



Only 8 weeks to
go!

Is Josh correct?
Explain your reasoning.

Reasoning 1

Carly says:



Half term starts
in 58 days.

Josh says:



Only 8 weeks to
go!

Is Josh correct?

Explain your reasoning.

Josh is incorrect because...

Reasoning 1

Carly says:



Half term starts
in 58 days.

Josh says:



Only 8 weeks to
go!

Is Josh correct?

Explain your reasoning.

Josh is incorrect because:

There are 7 days in a week. $7 \times 8 = 56$

56 days = 8 weeks

58 days = 8 weeks, 2 days

Problem Solving 2

Three friends are talking about their pets.

Jamie's rabbit is 68 months old.

Summer's dog is 9.25 years old.

Ryan's cat is 109 months old.

Whose pet is the oldest?

Problem Solving 2

Three friends are talking about their pets.

Jamie's rabbit is 68 months old.

Summer's dog is 9.25 years old.

Ryan's cat is 109 months old.

Whose pet is the oldest?

Summer's dog is the oldest.

There are 12 months in 1 year.

$9 \times 12 = 108$ so there are 108 months in 9 years.

0.25 of 1 year is 3 months. $108 + 3 = 111$

Summer's dog is 111 months old.

Year 5 Developing

2a. True or false?

28 days < 3 weeks



S VF

2b. True or False?

600 minutes = 6 hours



S VF

3a. Complete the statement below.

24 months <

A. 2 years

B. 3 years



S VF

3b. Complete the statement below.

300 seconds =

A. 3 minutes

B. 5 minutes



S VF

4a. Sort the times into ascending order.

4 hours

2 hours

180 minutes

60 minutes

4b. Sort the times into descending order.

6 years

60 months

36 months

4 years

2a. Jack says:



I'm going to a concert in 70 days!

Mia says:



That's only 7 weeks away!

Is Mia correct?

Explain your reasoning.



S R

2b. Logan says:



I finished the race in 3 minutes.

Zairah says:



Wow! That's only 180 seconds!

Is Zairah correct?

Explain your reasoning.



S R

3a. Some children at Oakland Primary School are celebrating their birthday.

Cameron is 108 months old.

Kayleigh is 8 years old.

Lee is 84 months old.

Who is the youngest?

3b. Three friends take a nap before they go to a party.

Evie sleeps for 120 minutes.

Raheem sleeps for 3 hours.

Leticia sleeps for 240 minutes.

Who has the longest nap?

Year 5 Expected

5a. Match the equivalent times.

132 minutes

3 hours 8 minutes

90 minutes

2 hours 12 minutes

188 minutes

1.5 hours



5
VF



5
VF

5b. Match the equivalent times.

100 days

13 weeks 2 days

93 days

12 weeks 1 day

85 days

14 weeks 2 days

6a. True or false?

4.5 years = 52 months



5
VF



5
VF

6b. True or false?

330 seconds > 5.5 minutes

7a. Complete the statement below.

24 days >

- A. 3 weeks 2 days
- B. 3 weeks 3 days
- C. 3 weeks 4 days



7b. Complete the statement below.

65 months =

- A. 5 years 5 months
- B. 5 years 6 months
- C. 6 years 5 months



5a. Kelsey says:



It's my birthday in
13 weeks!

Joe says:



Only 80 days
to go!

Is Joe correct?
Explain your reasoning.



S R

5b. Lily says:



I'm going to the
beach in 35 hours!

Ravi says:



3 days and
5 hours to go!

Is Ravi correct?
Explain your reasoning.



S R

6a. Class 5 complete their Ancient Egyptians craft project.

Alfie makes a canopic jar in 2.5 hours.

Chloe makes a paper scroll in 115 minutes.

Lucy makes a pyramid in 2 hours 40 minutes.

Who makes their craft the quickest?

6b. Three children compete in a race.

Ella finishes in 4 minutes 8 seconds.

Harry finishes in 252 seconds.

Aamina finishes in 3 minutes 90 seconds.

Who finishes the race last?

Year 5 Greater Depth

10a. True or false?

76 weeks < 1.5 years



5
VF

10b. True or false?

1 week = 168 hours



5
VF

11a. Complete the statement below.

72 hours =

- A. 3 days
- B. 4 days
- C. 5 days
- D. 6 days



5
VF

11b. Complete the statement below.

2,880 minutes =

- A. 1 day
- B. 1.5 days
- C. 2 days
- D. 2.5 days



5
VF

12a. Sort the times into ascending order.

0.75 hours

6,100 seconds

98 minutes

2.5 hours

4,500 seconds

100 minutes

12b. Sort the times into descending order.

144 weeks

18 months

60 months

2 years

48 months

156 weeks

8a. Mo says:



I'll be 16 in
4 years.

Ellie says:



That's 208 weeks
away!

Is Ellie correct?
Explain your reasoning.



5 R

8b. Maisie says:



The test starts in
3 hours!

Oscar says:



That's 10,800 more
seconds yet!

Is Oscar correct?
Explain your reasoning.



5 R

9a. Some children are going away on holiday this summer.

Hanshika is going to Spain for 3 weeks.
James is going to Turkey for 26 days.
Ellis is going to Florida for 240 hours.
Izzy is going to France for 2.5 weeks.

Who is going on the shortest holiday?

9b. Four athletes are training for a world championship tournament.

Shannon has trained for 68 months.
Jaiden has trained for 4.75 years.
Lexi has trained for 156 weeks.
Will has trained for 5.25 years.

Who has trained for the shortest time?