

Wednesday 1/7/20

Maths

Arithmetic – Adding Fractions

Watch this video if you have forgotten how to do it:

<https://www.youtube.com/watch?v=mO53rHEIQr4>

$$\frac{1}{4} + \frac{2}{6} =$$

$$\frac{2}{3} + \frac{2}{6} =$$

$$\frac{1}{2} + \frac{1}{6} =$$

$$\frac{1}{4} + \frac{5}{6} =$$

$$\frac{1}{2} + \frac{4}{8} =$$

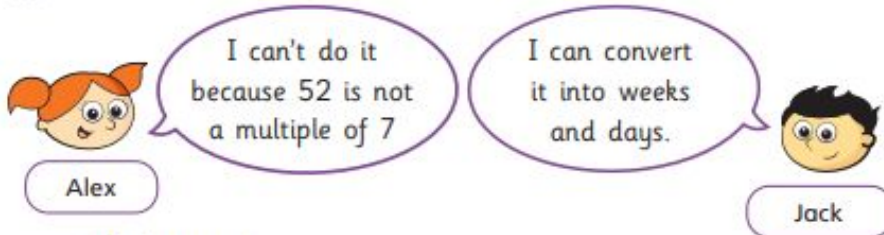
$$\frac{2}{6} + \frac{1}{2} =$$

$$\frac{2}{3} + \frac{2}{4} =$$

$$\frac{1}{3} + \frac{3}{6} =$$

## WALT: Solve problems involving converting between units of time

- 5 Alex and Jack are converting 52 days into weeks.



Who is correct? \_\_\_\_\_

Talk about it with a partner.

- 6 Ron and Eva have known each other for 103 days.  
For how many weeks and days have they known each other?

weeks and  days

- 7 Amir and Annie ran a race.  
Amir ran the race in 3 minutes and 14 seconds.  
Annie ran the race in 187 seconds.  
Who was faster? \_\_\_\_\_  
Show your workings.

Answers:

$\frac{1}{4} + \frac{2}{6} = \frac{7}{12}$	$\frac{2}{3} + \frac{2}{6} = 1$
$\frac{1}{2} + \frac{1}{6} = \frac{2}{3}$	$\frac{1}{4} + \frac{5}{6} = 1 \frac{1}{12}$
$\frac{1}{2} + \frac{4}{8} = 1$	$\frac{2}{6} + \frac{1}{2} = \frac{5}{6}$
$\frac{2}{3} + \frac{2}{4} = 1 \frac{1}{6}$	$\frac{1}{3} + \frac{3}{6} = \frac{5}{6}$

- 5 Alex and Jack are converting 52 days into weeks.



I can't do it because 52 is not a multiple of 7

Alex



I can convert it into weeks and days.

Jack

Who is correct? Jack

Talk about it with a partner.

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weeks and  days

- 7 Amir and Annie ran a race.  
Amir ran the race in 3 minutes and 14 seconds.  
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Who was faster? Annie  
Show your workings.