


10.1 Add and subtract 2 fractions with the same denominator within one whole.


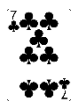


Fact file: $\frac{\text{numerator (number of parts we have)}}{\text{denominator (total parts in whole)}}$ 

E.G. $\frac{4}{12} + \frac{5}{12} = \frac{9}{12}$ & $\frac{9}{12} - \frac{4}{12} = \frac{5}{12}$



10.2 Add and subtract 2 fractions with the same denominator.

Use playing cards to generate fraction calculations. Don't forget to change the numerator every so often.

Numerator  + 
Denominator  + 





10.3 Starting at any given number, count forwards and backwards in steps of any given number, including through zero to include negative numbers.


Turn over 2 playing cards to generate a start number. Then turn over a third card and play 'ping pong' with a partner by counting on or back in that number.

  = 69  Count on in steps of 8 

10.4 Double any number with up to 1 decimal place.

E.G. 19.2
Double 6.4 = 12.8
Double 1.9 = 3.8

Ones	Tenths
	

Draw a place value grid for ones and tenths and then use playing cards to generate random calculations. How many can you answer in 30 seconds? 

Neptune

Colour the star when you think you have achieved that skill. Remember, you need to answer each question under 3 seconds (try to answer 10 or more in 30 seconds). Your teacher will let you know the next time there's an assessment.

10.5 Halve any number with up to 1 decimal place.

E.g. Half of 4.6 = 2.3
Half of 7.3 = 3.65



 Half of 6.4 = 3.2 

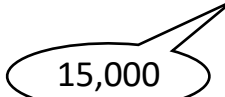

Pick a domino, the first digit as a 'ones' number and the second as a 'tenth'. Then halve the number. How many dominos can you do in 30 seconds?



10.6 Recall quickly multiplication facts up to 12 x 12 and use them to multiply pairs of 10 and 100.

E.g. $3 \times 7 = 21$
So $30 \times 70 = 2,100$
 $4 \times 2 = 8$
So $40 \times 200 = 8,000$

Use a pack of cards and some post it notes to generate calculations.  X 

10.7 Recall quickly division facts of all tables up to 12 x 12 and use them to divide pairs of multiples of 10 and 100.

For example: $24 \div 6 = 4$
So $240 \div 4 = 60$
How many different calculations can you think of using the number fact $21 \div 3 = 7$? (E.g. $210 \div 7 = 30$ or $300 \times 70 = 21,000$)

$32 \div 8 = 4$
So $3,200 \div 80 = 40$



Try the game, hit the button, for more times table practice.

<https://www.topmarks.co.uk/maths-games/hit-the-button>



