

Day 4 Fluency 10

10 questions in 10 minutes...are you up for the challenge?

Going through the answers and discussing them is even more important than them completing the task...

- 1) Increase 32 by 17
- 2) Decrease 32 by ten
- 3) 2×11
- 4) Combine 8, 2 and 5
- 5) $19 + 3 =$ (Build your bridge!)
- 6) Ten less than 100 = ?
- 7) Use the inequality signs to complete this number sentence
 $1 + 9$ Greater Than Less Than Equal To $40 - 20$
 $>$ $<$ $=$
- 8) Write twenty six in digits
- 9) Write 99 in words
- 10) 12 is 3 more than ?

Addition and Subtraction Fact Families



Fact Family of 3,4,7

From 2 parts and a total we can write 4 number sentences. These are called **fact families**.

We can write 2 addition sentences and 2 subtraction sentences.

From 7, 3 and 4, we can write...

- $3 + 4 = 7$
- $4 + 3 = 7$
- $7 - 3 = 4$
- $7 - 4 = 3$

Notice how my subtraction sentences start with the total or biggest amount and my addition sentences end with the total!



Frog Challenge 4



Fact Families	Fact Families
<p>1a. Which number sentence does not match the counters in this ten frame?</p> $3 + 7 = 10$ $7 + 3 = 10$ $10 - 3 = 7$ $7 - 10 = 3$	<p>1b. Which number sentence does not match the counters in this ten frame?</p> $4 + 6 = 10$ $6 + 4 = 10$ $6 - 10 = 4$ $10 - 4 = 6$
<p>2a. True or false?</p> <p>If $5 + 5 = 10$, then $10 - 5 = 5$.</p>	<p>2b. True or false?</p> <p>If $3 + 4 = 7$, then $7 - 4 = 3$.</p>
<p>3a. Use the ten frame to complete the missing numbers.</p> $3 + \text{?} = 8$ $\text{?} + 3 = 8$	<p>3b. Use the ten frame to complete the missing numbers.</p> $4 + \text{?} = 9$ $\text{?} + 4 = 9$
<p>4a. Write four sentences to describe the fact family shown in the part whole model.</p>	<p>4b. Write four sentences to describe the fact family shown in the part whole model.</p>

I need to thank Classroom Secrets for the task today. They have produced a free PDF with a series of fact family questions for you to try...

There are 3 levels of difficulty for you to choose from and an answer sheet to help with marking your work.

Try their Powerpoint for even more challenges...