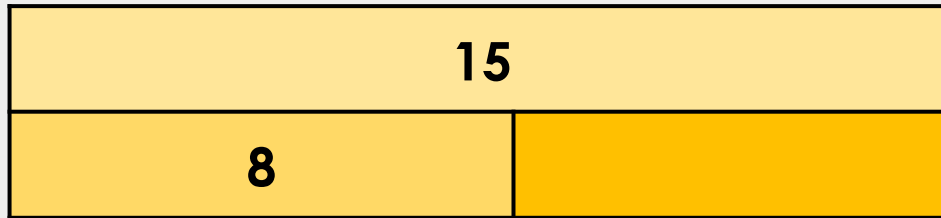


Related Facts

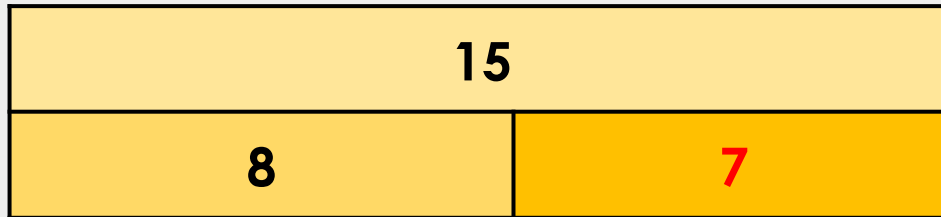
Introduction

Complete the bar model below.



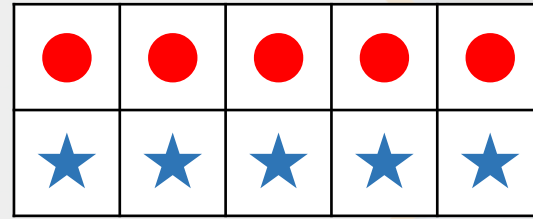
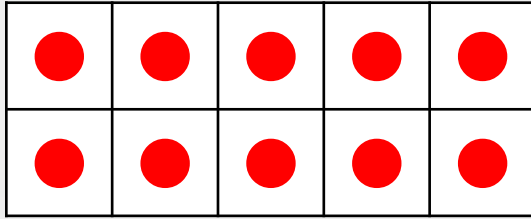
Introduction

Complete the bar model below.



Varied Fluency 1

Tick the calculation that is not related to the ten frames.



A. $5 + 15 = 20$

☐

B. $16 + 4 = 20$

☐

C. $20 - 15 = 5$

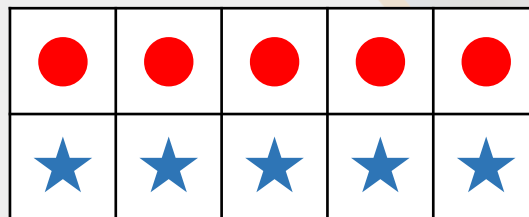
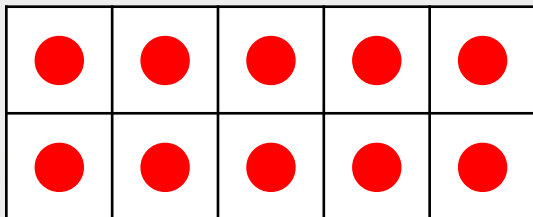
☐

D. $20 - 5 = 15$

☐

Varied Fluency 1

Tick the calculation that is not related to the ten frames.



A. $5 + 15 = 20$

☐

B. $16 + 4 = 20$

☒

C. $20 - 15 = 5$

☐

D. $20 - 5 = 15$

☐

Varied Fluency 2

Use the digit cards to complete the related number sentence.

12

6

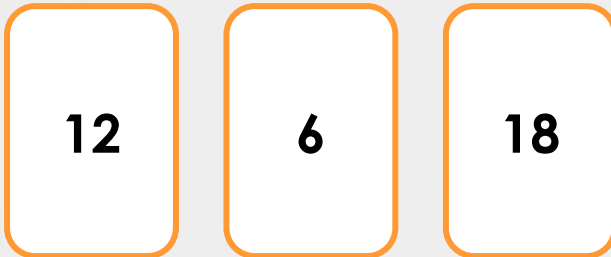
18

$$\square + \square = \square$$

$$18 - 6 = 12$$

Varied Fluency 2

Use the digit cards to complete the related number sentence.



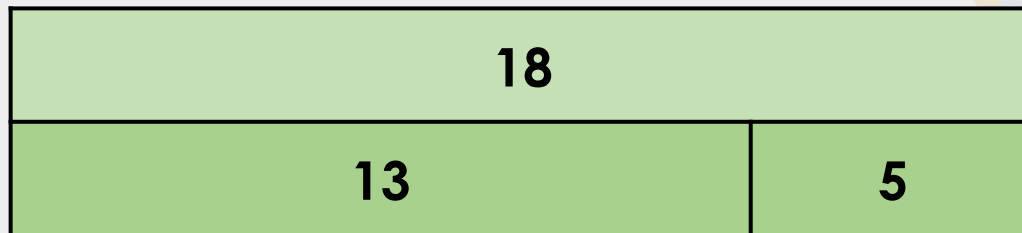
$$\boxed{12} + \boxed{6} = \boxed{18}$$

$$18 - 6 = 12$$

$$12 + 6 = 18 \text{ or } 6 + 12 = 18$$

Varied Fluency 3

Complete two calculations to match the bar model.

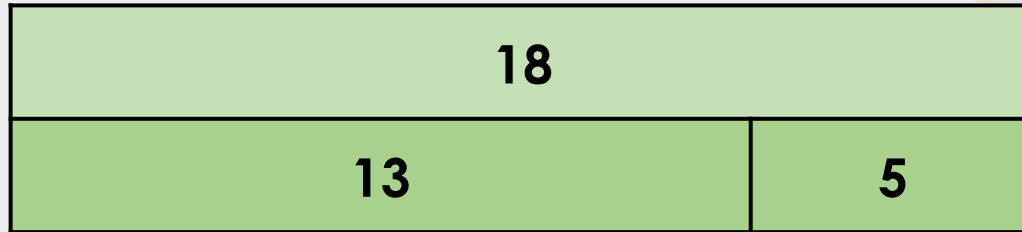


$$\square + \square = \square$$

$$\square - \square = \square$$

Varied Fluency 3

Complete two calculations to match the bar model.



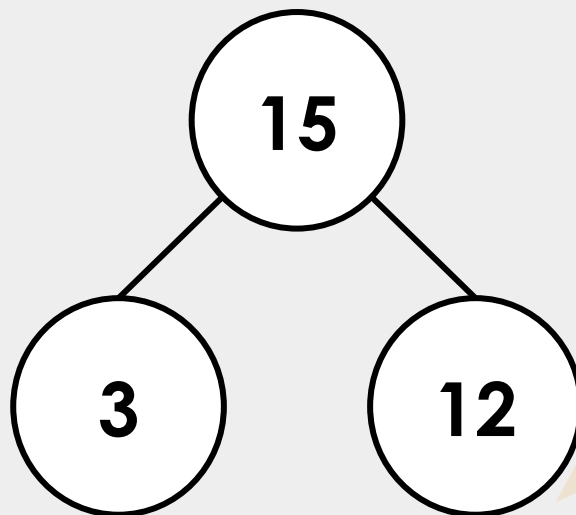
$$\boxed{13} + \boxed{5} = \boxed{18}$$

$$\boxed{18} - \boxed{5} = \boxed{13}$$

Or $5 + 13 = 18$, $18 - 13 = 5$

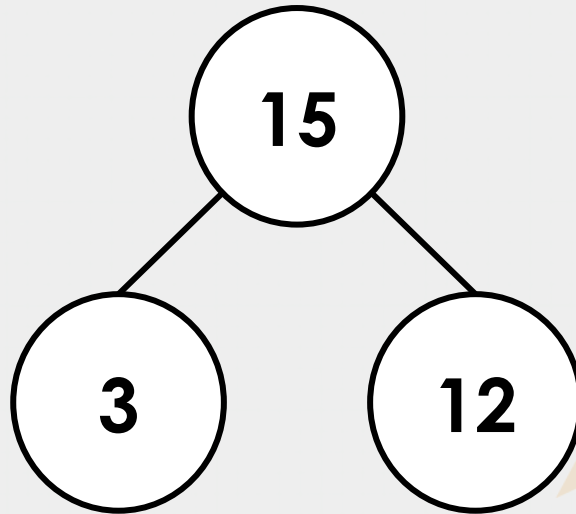
Varied Fluency 4

Write four calculations to describe the part-whole model.



Varied Fluency 4

Write four calculations to describe the part-whole model.



$$12 + 3 = 15$$

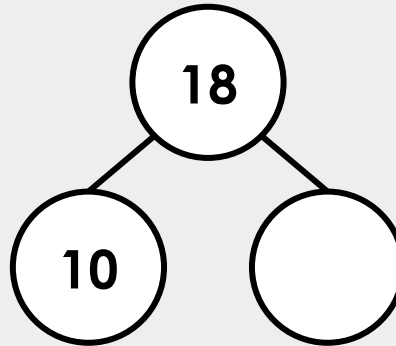
$$3 + 12 = 15$$

$$15 - 3 = 12$$

$$15 - 12 = 3$$

Reasoning 2

Ali is working out the missing number in the part-whole model.

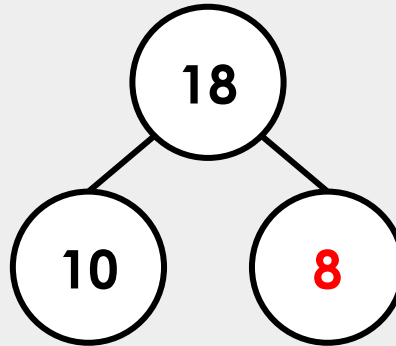


If $18 - 10 = 9$, the missing number is 9.

Is Ali correct? Prove it.

Reasoning 2

Ali is working out the missing number in the part-whole model.



If $18 - 10 = 9$, the missing number is 9.

Is Ali correct? Prove it.

Ali is incorrect because $18 - 10 = 8$, so the missing number is 8.

Problem Solving 1

Use the digit cards to complete the related facts below.

13

5

8

5

+

=

+

=

13

-

8

=

-

=

8

Problem Solving 1

Use the digit cards to complete the related facts below.

13

5

8

$$5 + 8 = 13$$

$$8 + 5 = 13$$

$$13 - 8 = 5$$

$$13 - 5 = 8$$

Write four different facts.

12

8 4

<input type="text"/>	+	<input type="text"/>	=	<input type="text"/>
<input type="text"/>	+	<input type="text"/>	=	<input type="text"/>
<input type="text"/>	-	<input type="text"/>	=	<input type="text"/>
<input type="text"/>	-	<input type="text"/>	=	<input type="text"/>

14

9 5

<input type="text"/>	+	<input type="text"/>	=	<input type="text"/>
<input type="text"/>	+	<input type="text"/>	=	<input type="text"/>
<input type="text"/>	-	<input type="text"/>	=	<input type="text"/>
<input type="text"/>	-	<input type="text"/>	=	<input type="text"/>

13

7 6

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<input type="text"/>	+	<input type="text"/>	=	<input type="text"/>
<input type="text"/>	-	<input type="text"/>	=	<input type="text"/>
<input type="text"/>	-	<input type="text"/>	=	<input type="text"/>

15

6 9

<input type="text"/>	+	<input type="text"/>	=	<input type="text"/>
<input type="text"/>	+	<input type="text"/>	=	<input type="text"/>
<input type="text"/>	-	<input type="text"/>	=	<input type="text"/>
<input type="text"/>	-	<input type="text"/>	=	<input type="text"/>