

ADDITION WITHIN 10

A WHAT IS ADDITION?

- $2 + 2 = 4$

A.1 ADDING CUBES WITHIN 5

Ex 1:

$$\begin{array}{r} 1 + 1 = \boxed{2} \\ \text{---} \\ \text{---} \end{array}$$

Answer:

- $\begin{array}{r} \text{---} \\ \text{---} \\ \text{---} \end{array} + \begin{array}{r} \text{---} \\ \text{---} \\ \text{---} \end{array} = \begin{array}{r} \text{---} \\ \text{---} \\ \text{---} \end{array}$
- $1 + 1 = 2$

Ex 2:

$$\begin{array}{r} 1 + 2 = \boxed{3} \\ \text{---} \\ \text{---} \end{array}$$

Answer:

- $\begin{array}{r} \text{---} \\ \text{---} \\ \text{---} \end{array} + \begin{array}{r} \text{---} \\ \text{---} \\ \text{---} \end{array} = \begin{array}{r} \text{---} \\ \text{---} \\ \text{---} \end{array}$
- $1 + 2 = 3$

Ex 3:

$$\begin{array}{r} 1 + 3 = \boxed{4} \\ \text{---} \\ \text{---} \\ \text{---} \end{array}$$

Answer:

- $\begin{array}{r} \text{---} \\ \text{---} \\ \text{---} \\ \text{---} \end{array} + \begin{array}{r} \text{---} \\ \text{---} \\ \text{---} \\ \text{---} \end{array} = \begin{array}{r} \text{---} \\ \text{---} \\ \text{---} \\ \text{---} \end{array}$
- $1 + 3 = 4$

Ex 4:

$$\begin{array}{r} 2 + 2 = \boxed{4} \\ \text{---} \\ \text{---} \end{array}$$

Answer:

- $\begin{array}{r} \text{---} \\ \text{---} \end{array} + \begin{array}{r} \text{---} \\ \text{---} \end{array} = \begin{array}{r} \text{---} \\ \text{---} \end{array}$

Ex 5:

$$\begin{array}{r} 3 + 1 = \boxed{4} \\ \text{---} \\ \text{---} \\ \text{---} \end{array}$$

Answer:

- $\begin{array}{r} \text{---} \\ \text{---} \\ \text{---} \\ \text{---} \end{array} + \begin{array}{r} \text{---} \end{array} = \begin{array}{r} \text{---} \\ \text{---} \\ \text{---} \\ \text{---} \end{array}$
- $3 + 1 = 4$

Ex 6:

$$\begin{array}{r} 4 + 1 = \boxed{5} \\ \text{---} \\ \text{---} \\ \text{---} \end{array}$$

Answer:

- $\begin{array}{r} \text{---} \\ \text{---} \\ \text{---} \\ \text{---} \end{array} + \begin{array}{r} \text{---} \end{array} = \begin{array}{r} \text{---} \\ \text{---} \\ \text{---} \\ \text{---} \end{array}$
- $4 + 1 = 5$

Ex 7:

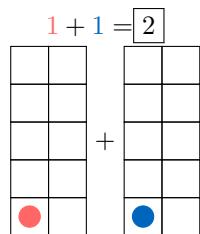
$$\begin{array}{r} 2 + 3 = \boxed{5} \\ \text{---} \\ \text{---} \end{array}$$

Answer:

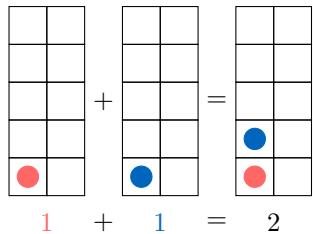
- $\begin{array}{r} \text{---} \\ \text{---} \end{array} + \begin{array}{r} \text{---} \\ \text{---} \\ \text{---} \end{array} = \begin{array}{r} \text{---} \\ \text{---} \\ \text{---} \end{array}$
- $2 + 3 = 5$

A.2 ADDING CIRCLES WITHIN 5

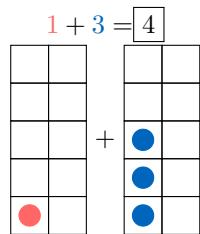
Ex 8:



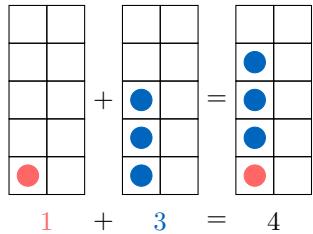
Answer:



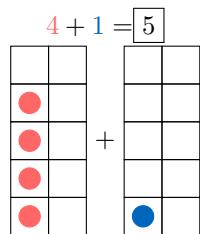
Ex 9:



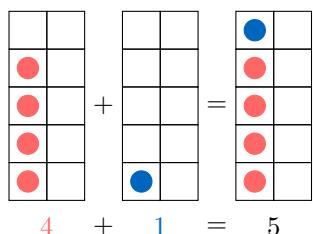
Answer:



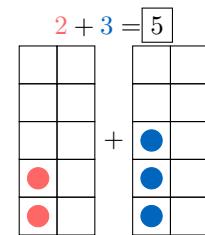
Ex 10:



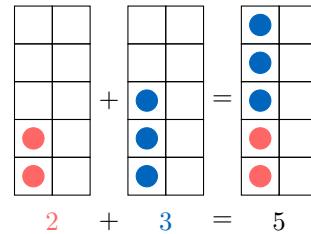
Answer:



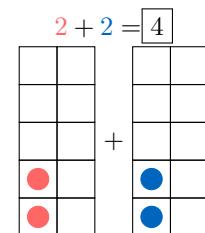
Ex 11:



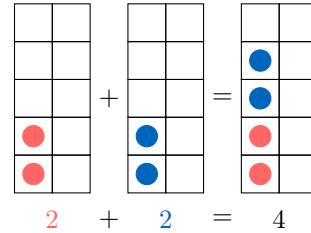
Answer:



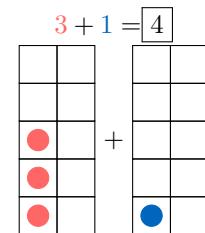
Ex 12:



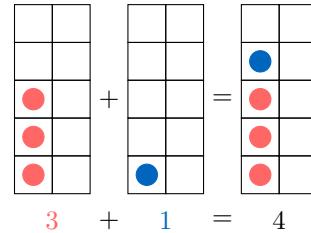
Answer:



Ex 13:



Answer:



Ex 14:

$$\begin{array}{c}
 1 + 4 = \boxed{5} \\
 \begin{array}{|c|c|c|c|} \hline & & & \\ \hline \end{array} + \begin{array}{|c|c|c|c|} \hline & & & \\ \hline \end{array} = \begin{array}{|c|c|c|c|} \hline & & & \\ \hline \end{array}
 \end{array}$$

Answer:

$$\begin{array}{c}
 \begin{array}{|c|c|c|c|} \hline & & & \\ \hline \end{array} + \begin{array}{|c|c|c|c|} \hline & & & \\ \hline \end{array} = \begin{array}{|c|c|c|c|} \hline & & & \\ \hline \end{array} \\
 \begin{array}{c} 1 \\ + \\ 4 \\ = \\ 5 \end{array}
 \end{array}$$

A.3 ADDING FINGERS WITHIN 5

Ex 15:

$$\begin{array}{c}
 1 + 2 = \boxed{3} \\
 \begin{array}{c} \text{Two fingers} \\ + \text{Two fingers} \\ = \text{Three fingers} \end{array}
 \end{array}$$

Answer:

$$\begin{array}{c}
 \begin{array}{c} \text{Two fingers} \\ + \text{Two fingers} \\ = \text{Three fingers} \end{array} \\
 \bullet 1 + 2 = 3
 \end{array}$$

Ex 16:

$$\begin{array}{c}
 1 + 3 = \boxed{4} \\
 \begin{array}{c} \text{One finger} \\ + \text{Three fingers} \\ = \text{Four fingers} \end{array}
 \end{array}$$

Answer:

$$\begin{array}{c}
 \begin{array}{c} \text{One finger} \\ + \text{Three fingers} \\ = \text{Four fingers} \end{array} \\
 \bullet 1 + 3 = 4
 \end{array}$$

Ex 17:

$$\begin{array}{c}
 2 + 2 = \boxed{4} \\
 \begin{array}{c} \text{Two fingers} \\ + \text{Two fingers} \\ = \text{Four fingers} \end{array}
 \end{array}$$

Answer:

$$\begin{array}{c}
 \begin{array}{c} \text{Two fingers} \\ + \text{Two fingers} \\ = \text{Four fingers} \end{array} \\
 \bullet 2 + 2 = 4
 \end{array}$$

Ex 18:

$$\begin{array}{c}
 2 + 3 = \boxed{5} \\
 \begin{array}{c} \text{Two fingers} \\ + \text{Three fingers} \\ = \text{Five fingers} \end{array}
 \end{array}$$

Answer:

$$\begin{array}{c}
 \begin{array}{c} \text{Two fingers} \\ + \text{Three fingers} \\ = \text{Five fingers} \end{array} \\
 \bullet 2 + 3 = 5
 \end{array}$$

Ex 19:

$$\begin{array}{c}
 3 + 2 = \boxed{5} \\
 \begin{array}{c} \text{Three fingers} \\ + \text{Two fingers} \\ = \text{Five fingers} \end{array}
 \end{array}$$

Answer:

$$\begin{array}{c}
 \begin{array}{c} \text{Three fingers} \\ + \text{Two fingers} \\ = \text{Five fingers} \end{array} \\
 \bullet 3 + 2 = 5
 \end{array}$$

Ex 20:

$$\begin{array}{c}
 1 + 4 = \boxed{5} \\
 \begin{array}{c} \text{One finger} \\ + \text{Four fingers} \\ = \text{Five fingers} \end{array}
 \end{array}$$

Answer:

$$\begin{array}{c}
 \begin{array}{c} \text{One finger} \\ + \text{Four fingers} \\ = \text{Five fingers} \end{array} \\
 \bullet 1 + 4 = 5
 \end{array}$$

A.4 ADDING CUBES WITHIN 10

Ex 21:

$$\begin{array}{c}
 4 + 2 = \boxed{6} \\
 \begin{array}{c} \text{Four cubes} \\ + \text{Two cubes} \\ = \text{Six cubes} \end{array}
 \end{array}$$

Answer:

$$\begin{array}{c}
 \begin{array}{c} \text{Four cubes} \\ + \text{Two cubes} \\ = \text{Six cubes} \end{array} \\
 \bullet 4 + 2 = 6
 \end{array}$$

Ex 22:



$$3 + 4 = \boxed{7}$$

$$4 + 4 = \boxed{8}$$

Answer:

• $\boxed{3} + \boxed{4} = \boxed{7}$

- $3 + 4 = 7$

Ex 23:

$$5 + 1 = \boxed{6}$$

$$5 + 4 = \boxed{9}$$

Answer:

• $\boxed{5} + \boxed{1} = \boxed{6}$

- $5 + 1 = 6$

Ex 24:

$$6 + 3 = \boxed{9}$$

$$5 + 5 = \boxed{10}$$

Answer:

• $\boxed{6} + \boxed{3} = \boxed{9}$

- $6 + 3 = 9$

Ex 25:

Answer:

• $\boxed{5} + \boxed{4} = \boxed{9}$

- $5 + 4 = 9$

Ex 26:

• $\boxed{5} + \boxed{4} = \boxed{9}$

- $5 + 4 = 9$

Ex 27:

Answer:

• $\boxed{5} + \boxed{5} = \boxed{10}$

- $5 + 5 = 10$

Ex 28:

$$6 + 0 = \boxed{6}$$

$$1 + 9 = \boxed{10}$$

Answer:

- + =
- $6 + 0 = 6$

Ex 29:

$$7 + 3 = \boxed{10}$$

Answer:

- + =
- $7 + 3 = 10$

Ex 30:

$$2 + 6 = \boxed{8}$$

Answer:

- + =
- $2 + 6 = 8$

Ex 31:

Answer:

- + =
- $1 + 9 = 10$

A.5 ADDING CIRCLES WITHIN 10

Ex 32:

$$2 + 4 = \boxed{6}$$

Answer:

- + =
- $2 + 4 = 6$

Ex 33:

$$3 + 5 = \boxed{8}$$

Answer:

- + =
- $3 + 5 = 8$

Ex 34:

$$6 + 1 = \boxed{7}$$

Answer:

- $6 + 1 = 7$

Ex 35:

$$5 + 3 = \boxed{8}$$

Answer:

- $5 + 3 = 8$

Ex 36:

$$4 + 4 = \boxed{8}$$

Answer:

- $4 + 4 = 8$

Ex 37:

$$2 + 6 = \boxed{8}$$

Answer:

- $2 + 6 = 8$

Ex 38:

$$3 + 7 = \boxed{10}$$

Answer:

- $3 + 7 = 10$

Ex 39:

$$5 + 4 = \boxed{9}$$

Answer:

- $5 + 4 = 9$

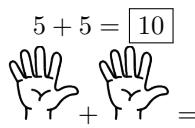
Ex 40:

Answer:



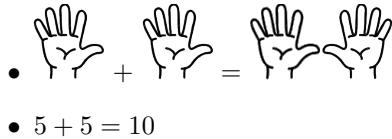
- $7 + 2 = 9$

Ex 48:



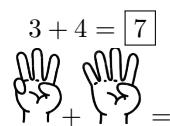
$$5 + 5 = \boxed{10}$$

Answer:



- $5 + 5 = 10$

Ex 49:



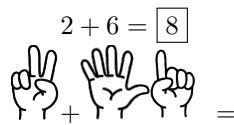
$$3 + 4 = \boxed{7}$$

Answer:



- $3 + 4 = 7$

Ex 50:



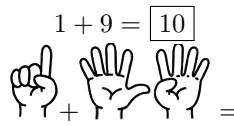
$$2 + 6 = \boxed{8}$$

Answer:



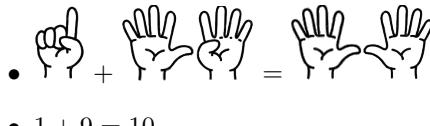
- $2 + 6 = 8$

Ex 51:



$$1 + 9 = \boxed{10}$$

Answer:



- $1 + 9 = 10$

B HOW TO ADD

B.1 ADDING NUMBERS WITHIN 5

Ex 52:

$$1 + 2 = \boxed{3}$$

Answer:



- $1 + 2 = 3$

Ex 53:

$$2 + 2 = \boxed{4}$$

Answer:



- $2 + 2 = 4$

Ex 54:

$$3 + 1 = \boxed{4}$$

Answer:



- $3 + 1 = 4$

Ex 55:

$$2 + 1 = \boxed{3}$$

Answer:



- $2 + 1 = 3$

Ex 56:

$$3 + 2 = \boxed{5}$$

Answer:



- $3 + 2 = 5$

Ex 57:

$$1 + 4 = \boxed{5}$$

Answer:

-  +  = 
- $1 + 4 = 5$

Ex 58:

$$1 + 3 = \boxed{4}$$

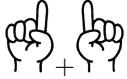
Answer:

-  +  = 
- $1 + 3 = 4$

Ex 59:

$$1 + 1 = \boxed{2}$$

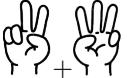
Answer:

-  +  = 
- $1 + 1 = 2$

Ex 60:

$$2 + 3 = \boxed{5}$$

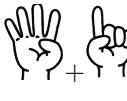
Answer:

-  +  = 
- $2 + 3 = 5$

Ex 61:

$$4 + 1 = \boxed{5}$$

Answer:

-  +  = 
- $4 + 1 = 5$

B.2 ADDING FRUITS WITHIN 10

Ex 62:

$$4 + 3 = \boxed{7}$$
 + 

Answer:

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

Ex 63:

$$7 + 2 = \boxed{9}$$
 + 

Answer:

-  +  = 
-  +  = 
- $7 + 2 = 9$

Ex 64:

$$5 + 2 = \boxed{7}$$
 + 

Answer:

-  +  = 
-  +  = 
-  +  = 
 $5 + 2 = 7$

Ex 65:

$$\begin{array}{c} 5 + 3 = \boxed{8} \\ \text{Red apples} + \text{Blue apples} = \end{array}$$

Answer:

-  + 
-  + 
-  + 
-  +  = 

$5 + 3 = 8$

Ex 66:

$$\begin{array}{c} 8 + 2 = \boxed{10} \\ \text{Red apples} + \text{Blue apples} = \end{array}$$

Answer:

-  + 
-  + 
-  +  = 

$8 + 2 = 10$

Ex 67:

$$\begin{array}{c} 7 + 3 = \boxed{10} \\ \text{Red apples} + \text{Blue apples} = \end{array}$$

Answer:

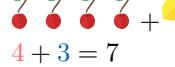
-  + 
-  + 
-  + 
-  +  = 

$7 + 3 = 10$

Ex 68:

$$\begin{array}{c} 4 + 3 = \boxed{7} \\ \text{Red apples} + \text{Yellow lemons} = \end{array}$$

Answer:

-  + 
-  + 
-  + 
-  +  = 

$4 + 3 = 7$

Ex 69:

$$\begin{array}{c} 7 + 2 = \boxed{9} \\ \text{Red apples} + \text{Yellow lemons} = \end{array}$$

Answer:

-  + 
-  + 
-  +  = 

$7 + 2 = 9$

Ex 70:

$$\begin{array}{c} 5 + 2 = \boxed{7} \\ \text{Red apples} + \text{Yellow lemons} = \end{array}$$

Answer:

-  + 
-  + 
-  +  = 

$5 + 2 = 7$

Ex 71:

$$\begin{array}{c} 5 + 3 = \boxed{8} \\ \text{Red apples} + \text{Yellow lemons} = \end{array}$$

Answer:

•  +  = 

•  +  = 

•  +  = 

•  +  = 
 $5 + 3 = 8$

Ex 72:

 +  = 

Answer:

•  +  = 

•  +  = 

•  +  = 
 $8 + 2 = 10$

Ex 73:

 +  = 

Answer:

•  +  = 

•  +  = 

•  +  = 
 $7 + 3 = 10$

B.3 ADDING NUMBERS WITHIN 10 BY COUNTING ON

Ex 74:

$4 + 3 = \boxed{7}$

Answer:

- Start with the bigger number: "Four..."
- Count on 3 more using your fingers: "...five, six, seven."
- The answer is 7.



Ex 75:

$7 + 2 = \boxed{9}$

Answer:

- Start with the bigger number: "Seven..."
- Count on 2 more: "...eight, nine."
- The answer is 9.



Ex 76:

$5 + 2 = \boxed{7}$

Answer:

- Start with the bigger number: "Five..."
- Count on 2 more: "...six, seven."
- The answer is 7.



Ex 77:

$5 + 3 = \boxed{8}$

Answer:

- Start with the bigger number: "Five..."
- Count on 3 more: "...six, seven, eight."
- The answer is 8.



Ex 78:

$8 + 2 = \boxed{10}$

Answer:

- **Start** with the bigger number: "Eight..."
- **Count on** 2 more: "...nine, ten."
- The answer is **10**.



Ex 79:

$$7 + 3 = \boxed{10}$$

Answer:

- **Start** with the bigger number: "Seven..."
- **Count on** 3 more: "...eight, nine, ten."
- The answer is **10**.



Ex 80:

$$3 + 6 = \boxed{9}$$

Answer:

- **Start** with the bigger number: "Six..."
- **Count on** 3 more: "...seven, eight, nine."
- The answer is **9**.



Ex 81:

$$2 + 5 = \boxed{7}$$

Answer:

- **Start** with the bigger number: "Five..."
- **Count on** 2 more: "...six, seven."
- The answer is **7**.



Ex 82:

$$1 + 8 = \boxed{9}$$

Answer:

- **Start** with the bigger number: "Eight..."
- **Count on** 1 more: "...nine."
- The answer is **9**.



Ex 83:

$$3 + 7 = \boxed{10}$$

Answer:

- **Start** with the bigger number: "Seven..."
- **Count on** 3 more: "...eight, nine, ten."
- The answer is **10**.



Ex 84: Use the "Counting On" strategy to solve.

$$3 + 6 = \boxed{9}$$

Answer:

- **Start** with the bigger number: "Six..."
- **Count on** 3 more: "...seven, eight, nine."
- The answer is **9**.



Ex 85: Use the "Counting On" strategy to solve.

$$2 + 5 = \boxed{7}$$

Answer:

- **Start** with the bigger number: "Five..."
- **Count on** 2 more: "...six, seven."
- The answer is **7**.

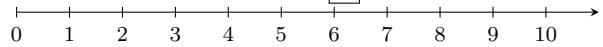


C ADDING ON THE NUMBER LINE

C.1 ADDING ON THE NUMBER LINE

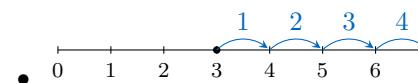
Ex 86:

$$3 + 4 = \boxed{7}$$



Answer:

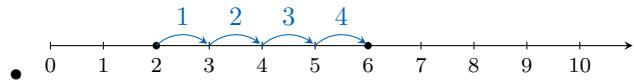
- **Start** with the bigger number: "Eight..."
- **Count on** 1 more: "...nine."
- The answer is **9**.



$$3 + 4 = 7$$

Ex 87:

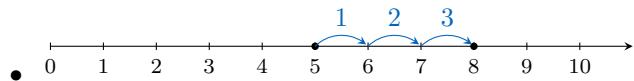
$$2 + 4 = \boxed{6}$$

Answer:

- $2 + 4 = 6$

Ex 88:

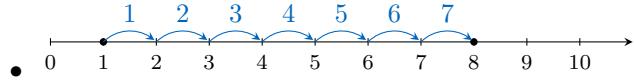
$$5 + 3 = \boxed{8}$$

Answer:

- $5 + 3 = 8$

Ex 89:

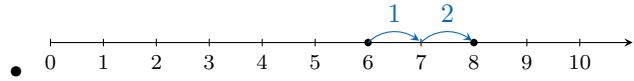
$$1 + 7 = \boxed{8}$$

Answer:

- $1 + 7 = 8$

Ex 90:

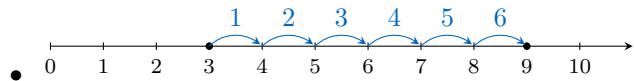
$$6 + 2 = \boxed{8}$$

Answer:

- $6 + 2 = 8$

Ex 91:

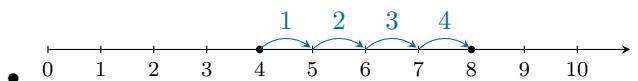
$$3 + 6 = \boxed{9}$$

Answer:

- $3 + 6 = 9$

Ex 92:

$$4 + 4 = \boxed{8}$$

Answer:

- $4 + 4 = 8$