

1. Chris draws 8 birds. Luke draws 4 birds. How many birds do they draw in all?

Which shows how to *count on* to solve the problem?

- (A)  $4 + 8$  **1 point**
- (B)  $8 + 4$
- (C)  $8 \dots 9, 10, 11$
- (D)  $8 \dots 9, 10, 11, 12$

2. Lisa has 7 pencils. Armando has 2 more pencils than Lisa. Which equations show how many pencils in all? Choose all that apply. **1 point**

- $7 + 9 = 16$
- $7 + 2 = 9$
- $7 + 7 + 2 = 16$
- $7 + 7 = 14$
- $7 + 7 + 7 = 21$

3. Use the ten-frames. Show how to find the sum of  $7 + 6$  by making a 10. Then fill in the gray boxes. **2 points**

7		→		+	10 <b>3</b>
+ 6					<b>13</b>
<b>13</b>					<b>13</b>

4. Which have a sum of 14? Choose all that apply. **1 point**

- $8 + 7$         $7 + 7$         $8 + 6$
- $10 + 4$         $9 + 4$

5. 6 friends want to play baseball. They need 9 players to make a team. How many more players do they need?

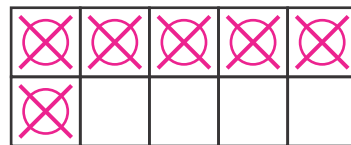
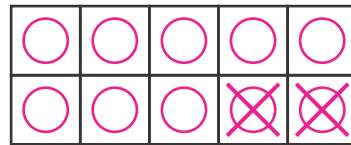
Draw lines to match each solution to how it was solved. **1 point**

- A. 6 . . . 7, 8, 9    Count back.  
 B. 9 . . . 8, 7, 6    Use an addition fact.  
 C.  $9 - 6 = 3$     Use a subtraction fact.  
 D.  $6 + 3 = 9$     Count on.

6. Juan has 17 toy cars. He gives his brother 9 toy cars. Which addition fact can help you find how many toy cars Juan has left? **1 point**

- (A)  $9 + 9 = 18$   
 (B)  $9 + 8 = 17$   
 (C)  $10 + 7 = 17$   
 (D)  $9 + 6 = 15$

7. Use the ten-frames. Show how to make a 10 to find  $16 - 8$ . Then complete the equation. **2 points**  
**Sample answer given.**



$16 - 8 = \underline{8}$

8. Jen has some rings. She gives 5 rings to Carrie. Now Jen has 7 rings. How many rings did Jen have at first?

Write an equation to solve. **2 points**

**Sample equation given.**

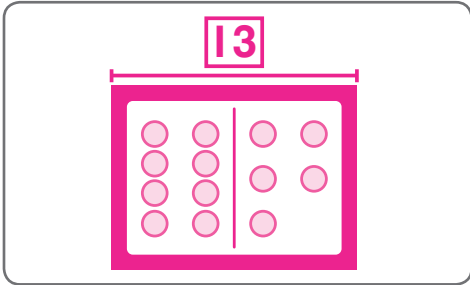
$\underline{5} + \underline{7} = \underline{12}$

$\underline{12}$  rings

9. Marco has 8 apples. Jerry gives him some more apples. Now Marco has 13 apples. How many apples did Jerry give Marco?  
**Sample answers given.**

**Part A**

Draw a picture to model the problem. **1 point**



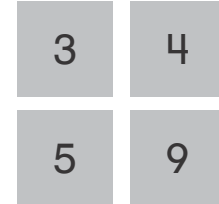
**Part B**

Write an equation to solve the problem. **1 point**

$$\begin{array}{r} 8 + 5 = 13 \\ 5 \text{ apples} \end{array}$$

10. A pet store had 12 fish. Then 3 fish were sold. The next day, 4 more fish were sold. How many fish does the store have now? Use the numbers on the cards. Complete both equations to solve the problem. **2 points**

$$\begin{array}{l} 12 - 3 = 9 \\ 9 - 4 = 5 \end{array} \quad 5 \text{ fish}$$



11. Choose Yes or No to show if 5 will make each equation true. **1 point**

$9 + \square = 16$      Yes     No

$10 + \square = 15$      Yes     No

$15 - 10 = \square$      Yes     No

12. Eric has 6 marbles. Maria has 4 marbles. How many marbles do they have in all? Write an equation to explain. **2 points**

**Check students' work.**

$10$  marbles in all

13. Choose Yes or No to show if 7 will make each equation true.

1 point

$$8 + \square = 7 + 8$$

Yes     No

$$7 + \square = 6 + 8$$

Yes     No

$$9 + 6 = \square + 10$$

Yes     No

$$\square + 5 = 10 + 2$$

Yes     No

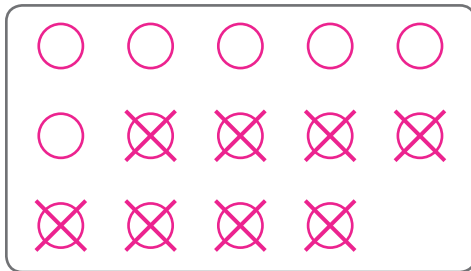
14. Julie has 8 fewer pears than Dan. Dan has 14 pears.

How many pears does Julie have?

**Sample picture given.**

**Part A**

Draw a picture to model the problem. 1 point



**Sample equation given.**

**Part B**

Write an equation to solve the problem. 1 point

$$\begin{array}{r} 14 - 8 = 6 \\ \hline 6 \text{ pears} \end{array}$$

15. The table shows how many stickers 3 friends have.

Stickers We Have			
	Flowers	Animals	Stars
Kade	6	3	4
Olivia	7	1	9
Ali	5	3	7

**Sample answer given.**

Choose one of the friends.

Write the name of the friend you chose. Olivia

How many stickers does that friend have?

Write an equation to solve the problem. 2 points

$$\begin{array}{r} 7 + 1 + 9 = \\ \hline 17 \\ \hline 17 \text{ stickers} \end{array}$$