Add by Counting On

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1. Match each image to a calculation and complete by counting on.

A. [ten frame filled] + [frame with 3]

B. [frame with 7] + [frame with 3]

C. [frame with 7] + [frame with 5]

D. $9 + 6 =$ ☐

E. $10 + 3 =$ ☐

F. $7 + 5 =$ ☐

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2. Circle the one that is incorrect.

A.

17	
12	●●●●●

B.

[frame with 10] + [frame with 4] = 15

C.

[frame with 10] + [frame with 6] = 16

D.

16	
13	●●●

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3. Tom and Alex are playing a board game.
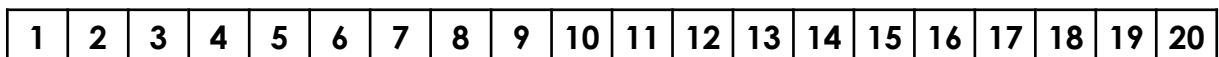
Tom: I was on 12. I have rolled a 5.

Alex: I was on 9. I have rolled a 6.

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
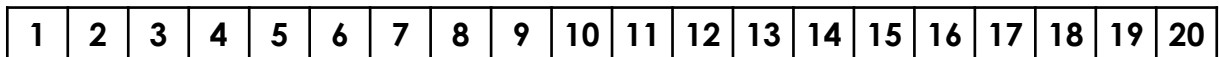
Use the number lines to work out who is in the lead. Explain your answer.

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Homework/Extension – Add by Counting On – Year 1 Developing

Add by Counting On

4. Match each image to a calculation and complete by counting on.

A. ▪ ▪ ▪ ▪ ▪ + ▪ ▪ ▪

B. ▪ ▪ ▪ ▪ ▪ ▪ + ▪ ▪ ▪

C. ▪ ▪ ▪ ▪ + ▪ ▪ ▪

D. 13 + 5 = ☐

E. 12 + 4 = ☐

F. 11 + 6 = ☐

5. Circle the one that is incorrect.

A.

18	
11	7

B.

+ 5

10 11 12 13 14 15 16 17 18 19 20

C.

+ 5

10 11 12 13 14 15 16 17 18 19 20

D.

17	
14	3
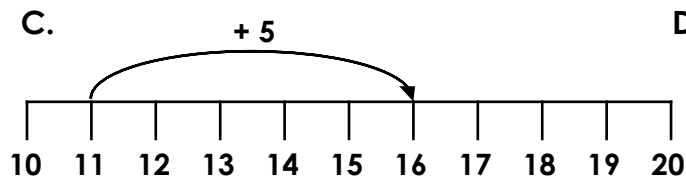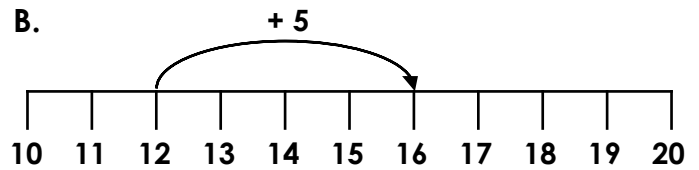
6. Beth and Sam are playing a board game.

Beth: I was on 9. I have rolled a 5.

Sam: I was on 7. I have rolled a 6.
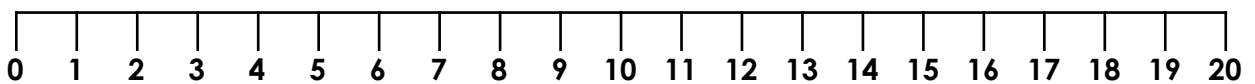
0 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20

Use the number line to work out who is in the lead. Explain your answer.

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Homework/Extension – Add by Counting On – Year 1 Expected

Add by Counting On

7. Count on to find the totals then join the matching pairs.

A.

10

D.   12 + 6 = ☐

B.

+ 6

10

E.   15 + 4 = ☐

C.

10   20
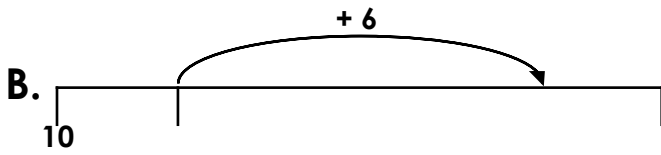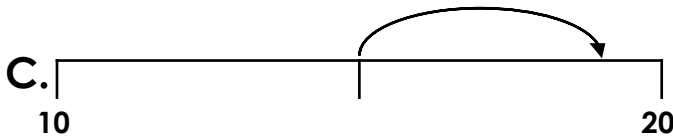
F. nine + eight = ☐

8. Circle the one that is incorrect.

A.

| twelve count on seven = nineteen |

B.

+ 6

10   13

C.

10   16   20
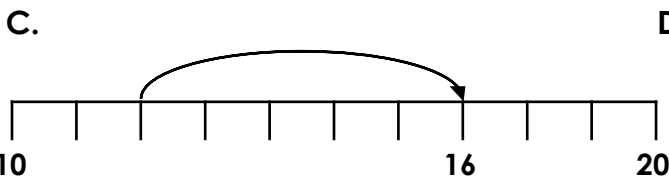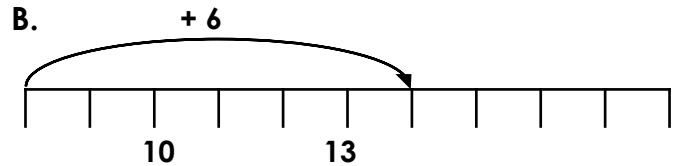
D.

| eleven + seven = eighteen |

9. Charlie and Tariq are playing a board game.

I was on nine.
I have rolled a five.

Charlie

I was on eight.
I have rolled a six.
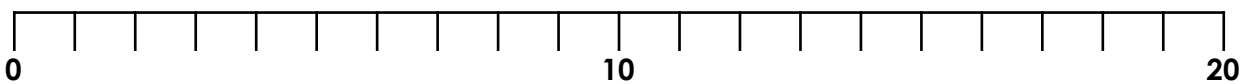
Tariq

0   10   20

Use the number line to work out who is in the lead. Explain your answer.

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Homework/Extension – Add by Counting On – Year 1 Greater Depth

Developing
1. A and E, 10 + 3 = 13, B and F, 7 + 5 = 12, C and D, 9 + 6 = 15
2. C
3. 12 count on 5 is 17 and 9 count on 6 is 15 so Tom is in the lead.

Expected
4. A and E, 12 + 4 = 16, B and D, 13 + 5 = 18, C and F, 11 + 6 = 17.
5. B
6. 9 count on 5 is 14 and 7 count on 6 is 13 so Beth is in the lead.

Greater Depth
7. A and F, nine + eight = 17, B and D, 12 + 6 = 18, C and E, 15 + 4 = 19
8. C
9. 9 count on 5 is 14 and 8 count on 6 is 14 so Charlie and Tariq are joint leaders.