Add by Counting On

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

A. **+**

B. **+**

C. **+**

D. $9 + 6 =$ ☐

E. $10 + 3 =$ ☐

F. $7 + 5 =$ ☐

2. Circle the one that is incorrect.

A.

17	
12	⬤⬤⬤⬤⬤

B.

+ **= 15**

C.

+ **= 16**

D.

16	
13	⬤⬤⬤
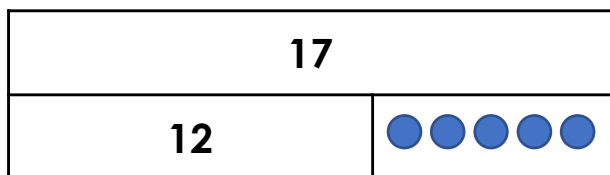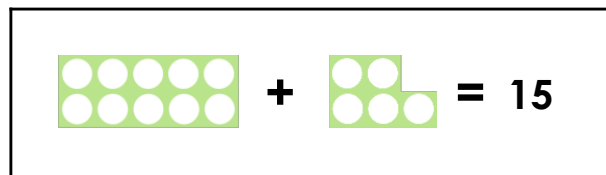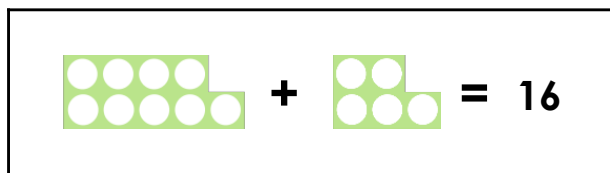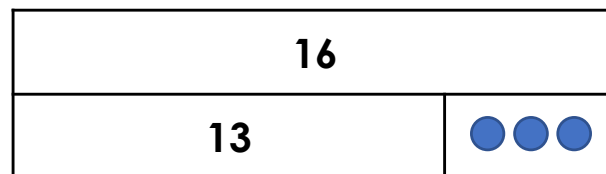
3. Tom and Alex are playing a board game.

> I was on 12.
> I have rolled a 5.

Tom

> I was on 9.
> I have rolled a 6.

Alex

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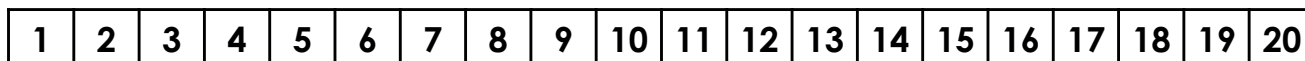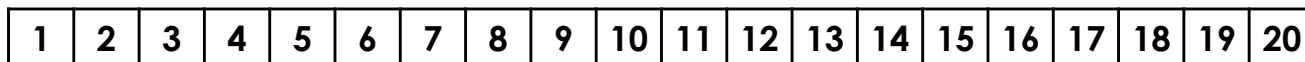
Use the number lines to work out who is in the lead. Explain your answer.

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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. ■ ■   ■ ■
    ▬▬▬▬ + ■
           ■ ■
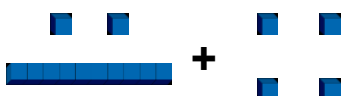
D.   13 + 5 = ☐

B. ■ ■ ■   ■
    ▬▬▬▬▬ + ■ ■
            ■ ■
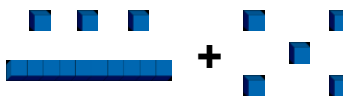
E.   12 + 4 = ☐

C. ■   ■ ■ ■
    ▬▬▬ + ■ ■ ■

F.   11 + 6 = ☐

VF
HW/Ext

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
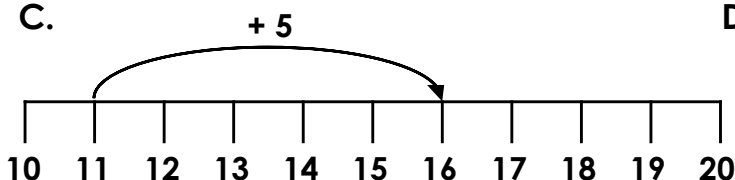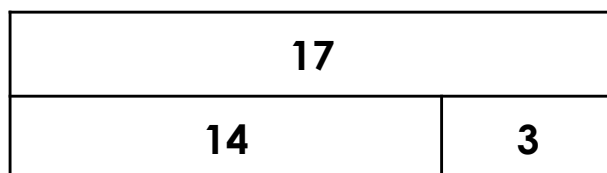
D.

17	
14	3
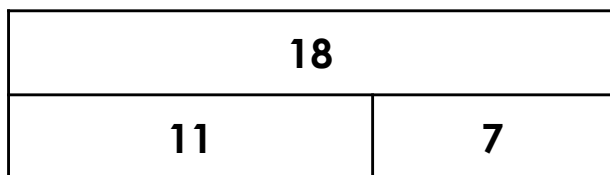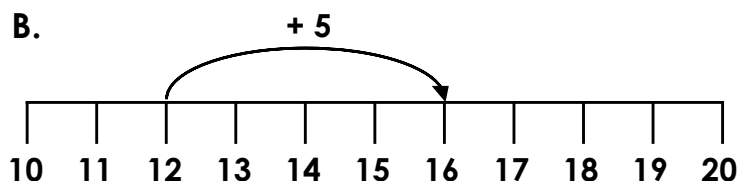
VF
HW/Ext

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.

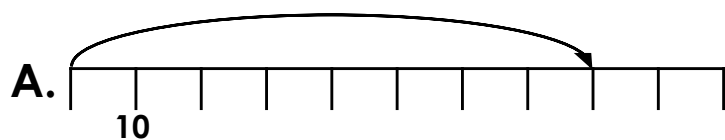0 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20
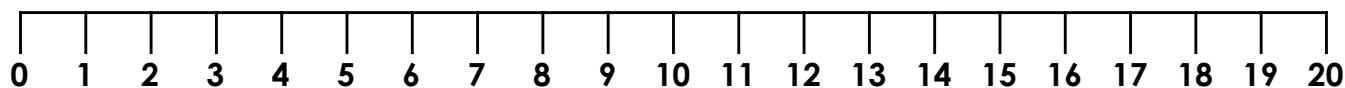
Use the number line to work out who is in the lead. Explain your answer.

RPS
HW/Ext

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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 = ☐

GD
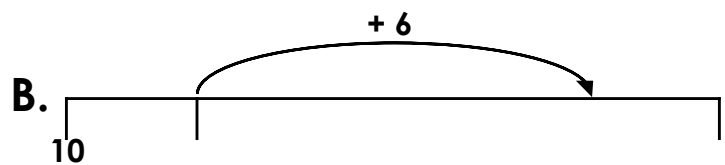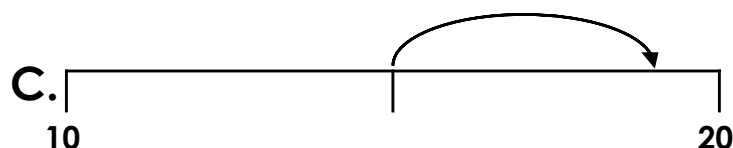
8. Circle the one that is incorrect.

A.

> twelve count on seven = nineteen

B.

```
      +6
   ⌒‾‾‾‾‾‾‾‾‾‾‾⌒
|——|——|——|——|——|——|——|——|——|
   10       13
```

C.

```
      ⌒‾‾‾‾‾⌒
|——|——|——|——|——|——|——|——|
10                16      20
```
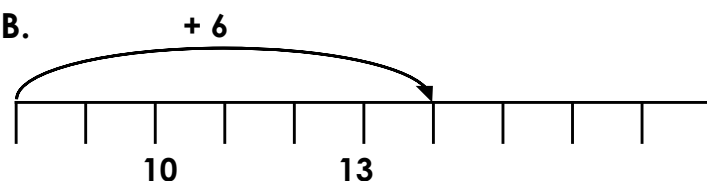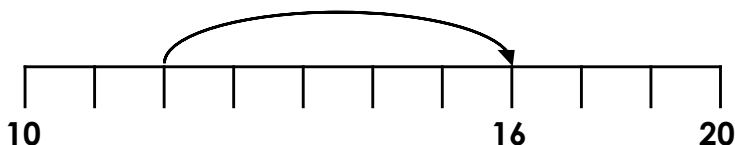
D.

> eleven + seven = eighteen

GD

9. Charlie and Tariq are playing a board game.

Charlie: I was on nine. I have rolled a five.

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

```
|——|——|——|——|——|——|——|——|——|——|——|——|——|——|——|——|——|——|——|——|
0                       10                      20
```

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

GD

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

Homework/Extension
Add by Counting On

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.**