## Unit 4 Lesson 7: Addition and Subtraction on the Number Line

### WU Notice and Wonder: Jumps on the Number Line (Warm up)

#### Student Task Statement

What do you notice? What do you wonder?





### 1 Add and Subtract

#### Student Task Statement

Circle the equation represented on the number line.

1.
* 
* $10+5=15$
* $15−5=10$
1.
* 
* $8+5=13$
* $13−8=5$
1.
* 
* $12−2=10$
* $12−10=2$
	1.
	+ 
	+ $4+10=14$
	+ $10+4=14$
	1. Explain why the other equation doesn’t match this number line.



### 2 Number Lines and Equations

#### Student Task Statement

1. Cut out the equations.
2. Paste each equation next to the number line that represents it.
3. Paste the equation that didn’t have a match and represent it on a number line.

a.

b.

c.

d.

e.

f.

g.

h.

|  |  |  |  |
| --- | --- | --- | --- |
| $3+7=10$ | $10−7=3$ | $12+6=18$ | $6+12=18$ |
| $14−5=9$ | $9+5=14$ | $20−3=17$ | $3+17=20$ |



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