Jordan Saves Money
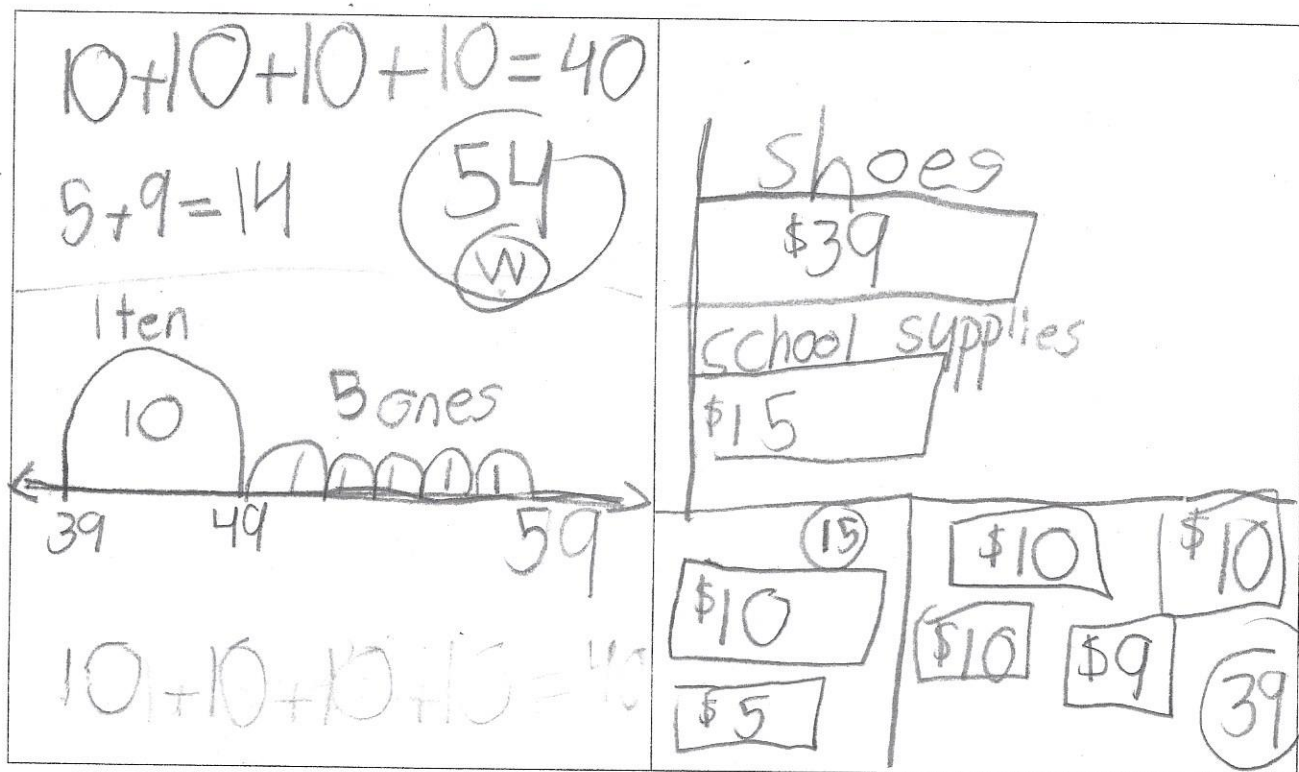
Jordan wants to give $15 to help kids who need school supplies. He also wants to buy a pair of shoes for $39. *Explain your thinking in two ways by using words, pictures, number sentences, and/or models.*

1. How much money will he have to save for both?

```
10+10+10+10=40
5+9=14          54
                 W

1 ten
   10        5 ones
 ←——————————————————→
  39   40         59

10+10+10+5=40
```

```
shoes
$39

school supplies
$15

15    $10   $10
$10   $10   $9
$5              39
```

Jordan will have to save $ __54__ for both, because
If he just has $15 that wont be enoght $ so he needs to save $54 because 15+39 =54.

2. Jordan gets $5 a week for his allowance. He plans to save his allowance every week. Jordan thinks it will take 10 weeks to reach his goal. His brother says it will take 11 weeks. Who is correct and why?

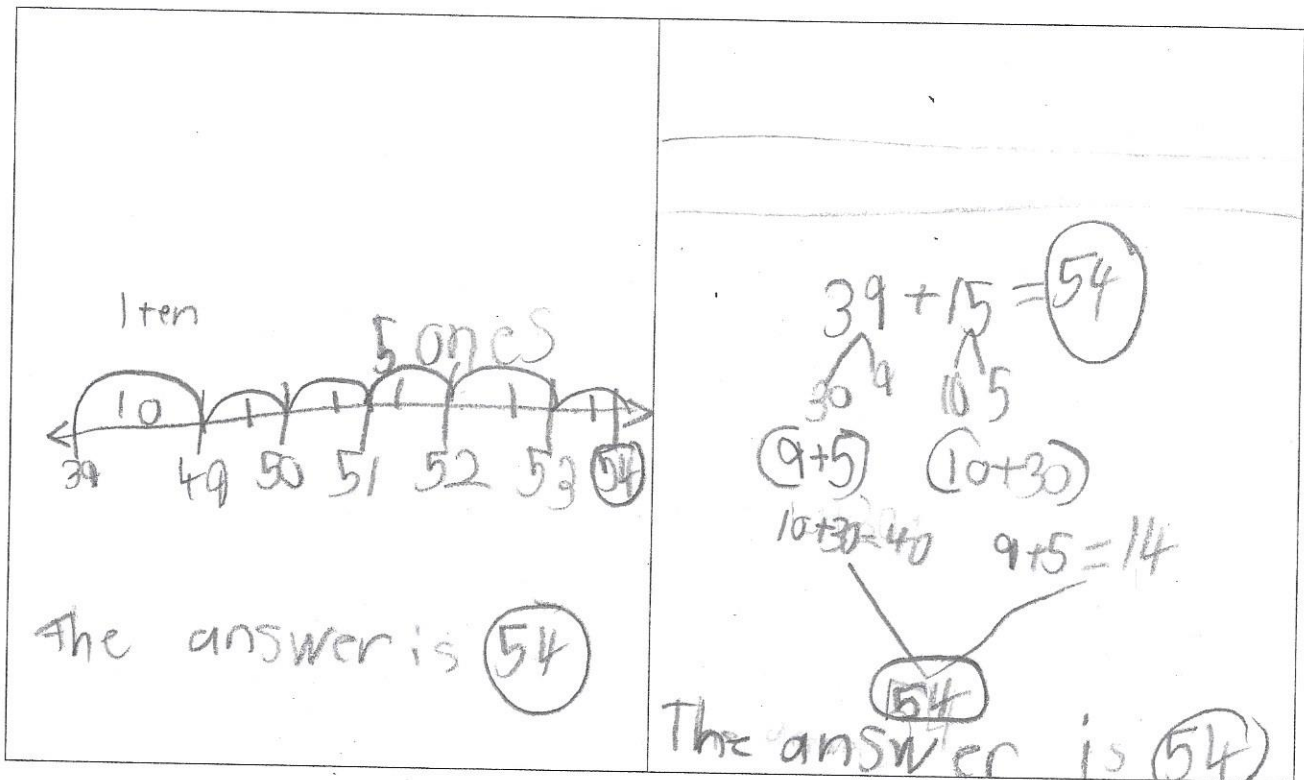(5) (10) (15) (20)

(25) (30) (35)

(40) (45) (50)

(55)

His _brother_ is correct, because __If you add ten that will only be 50 so 11 is greater than 10. You use 11 because it will be 55 so that is why the broter is correct.__
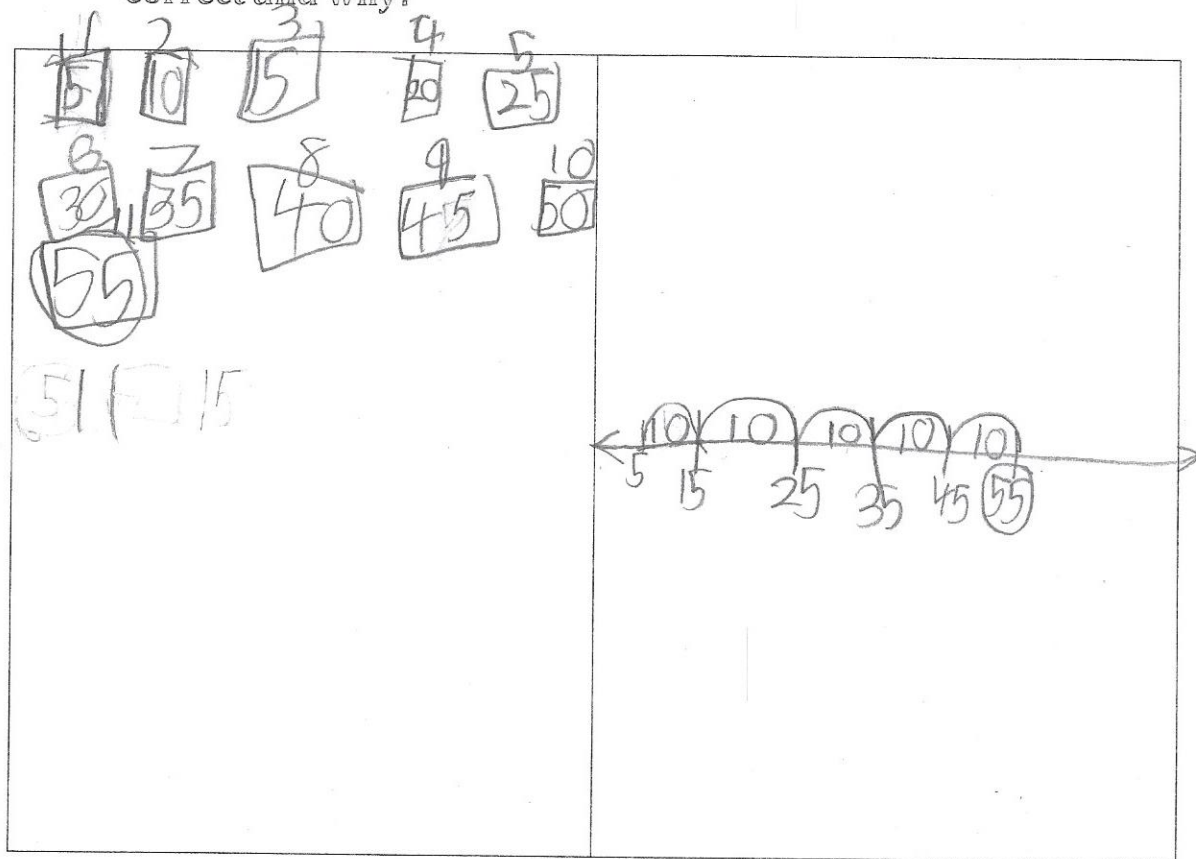
Jordan Saves Money

Jordan wants to give $15 to help kids who need school supplies. He also wants to buy a pair of shoes for $39.
Explain your thinking in two ways by using words, pictures, number sentences, and/or models.

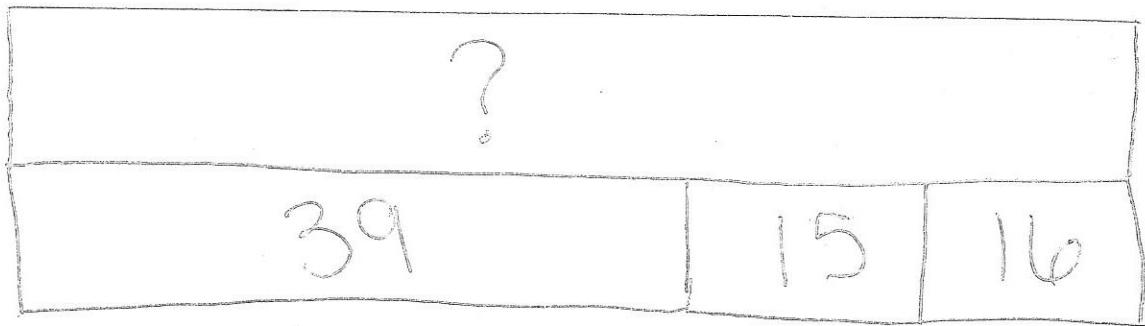1. How much money will he have to save for both?

I ten   5 ones

10 | | | | | | | | |
34 49 50 51 52 53 54→

the answer is ⑤④

$$39 + 15 = \boxed{54}$$

(9+5) (10+30)

10+30=40   9+5=14

The answer is ⑤④

Jordan will have to save $ __54__ for both, because
the school supplies is $15 and
the shoes are $39 and
$39 + $15 = $54 and thats what
I did to solve this
problem. the first number of the
number line I used to start the numberline
was 39.

2. Jordan gets $5 a week for his allowance. He plans to save his allowance every week. Jordan thinks it will take 10 weeks to reach his goal. His brother says it will take 11 weeks. Who is correct and why?

```
 1    2    3    4    5
[5] [10] [15] [20] [25]

 6    7    8    9   10
[30][35] [40][45] [50]

[55]

5 | | = 15
```

```
    10  10  10  10  10
<——⌒——⌒——⌒——⌒——⌒——⌒——>
   5  15   25  35  45 (55)
```

Jordan's brother is correct, because I counted the sqaurs and counted up to 11 because I was counting by fives like this 5, 10, 15, 20, 25, 30, 35, 40, 45, 5, 55, I put numbers on top of the other number. 11 is the correct answer.

3. Jordan remembers his sister's birthday is next month. He sets a goal of saving $16 for her gift. How much will Jordan have to save to be able to buy the school supplies, new shoes, and birthday present? Jordan uses a part-part-whole model.

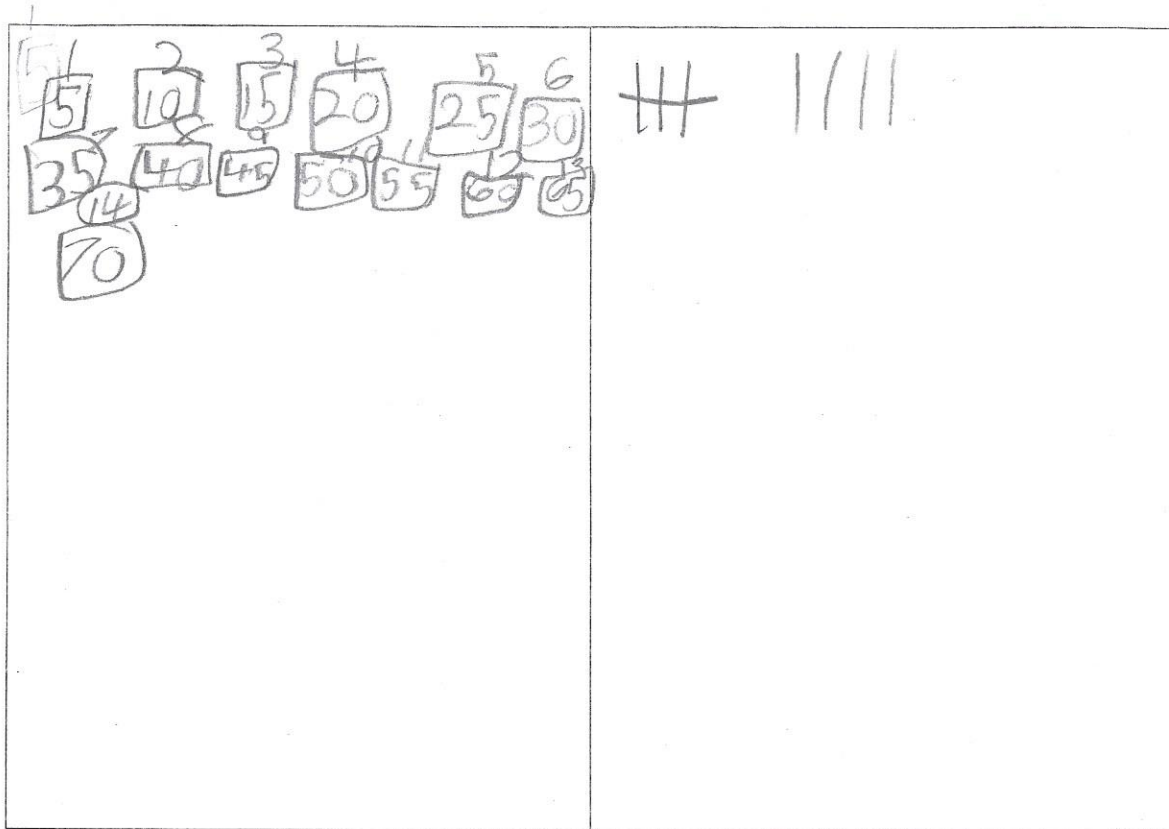| ?		
39	15	16

$$\boxed{\cancel{70}} = 39 + 15 + 16$$

16   54

Jordan will have to save $ _70_ to buy all three things. Explain

Jordan's thinking.

Jordan used the hundred chart and started with 39 and counted to fifteen and counted to 16 and landed on the number 70.

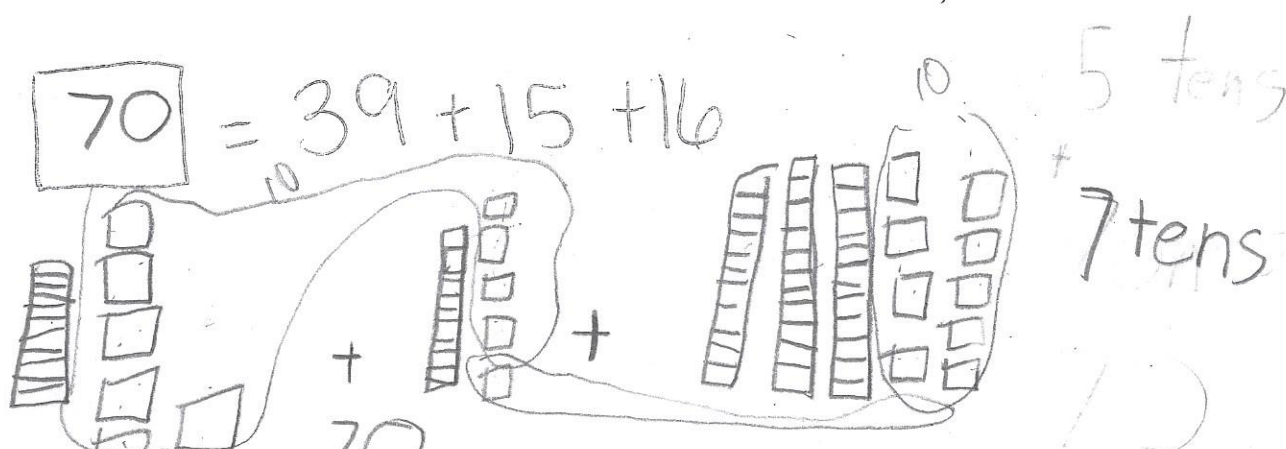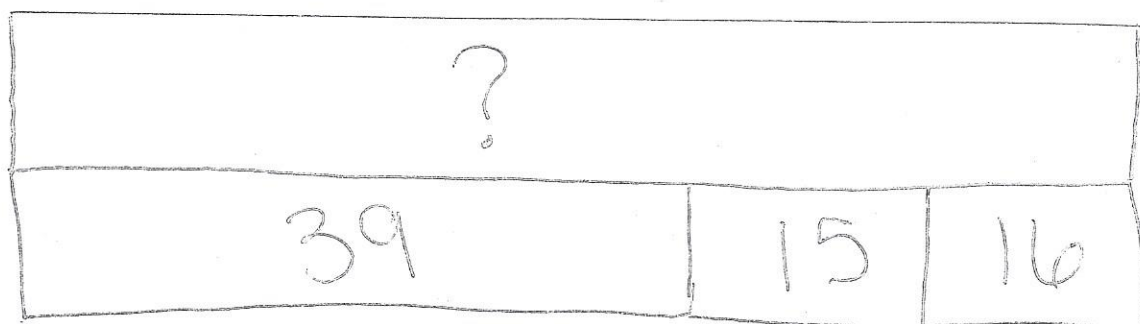4. How many weeks does Jordan have to save his allowance to be able buy all three things?

5 10 15 20 25 30 35 40 45 50 55 60 65 70	＃＃ ||||

Jordan will now have to save his allowance for ___14___ weeks to

reach his goal, because

Jordan counted by 5s, and
he started with 5 and
counted on like this
5 10 15 20 25 30 35 40 45 50
55 60 65 70 and I
numbered the top of the other
numbers and stoped at fourteen,

3. Jordan remembers his sister's birthday is next month. He sets a goal of saving $16 for her gift. How much will Jordan have to save to be able to buy the school supplies, new shoes, and birthday present? Jordan uses a part-part-whole model.
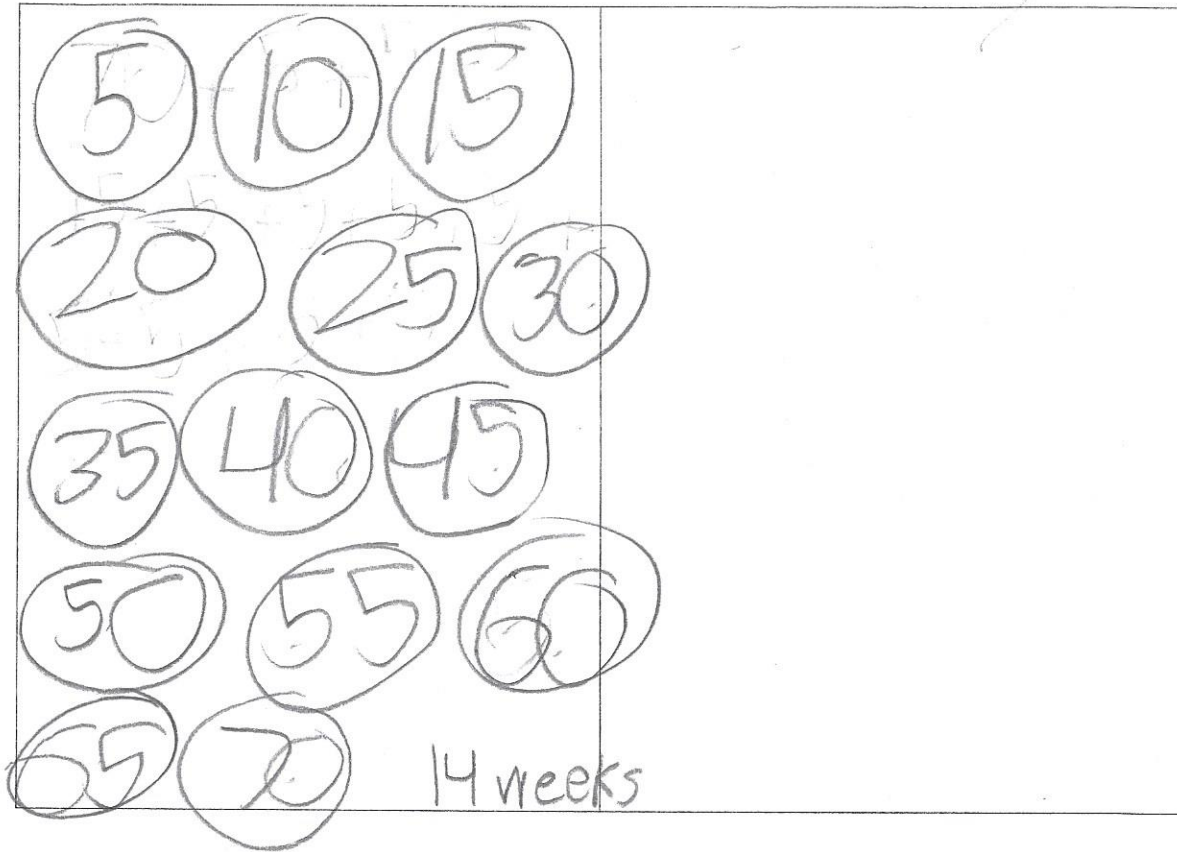
?		
39	15	16

$$70 = 39 + 15 + 16$$

5 tens
+ 7 tens

Jordan will have to save $ __70__ to buy all three things. Explain Jordan's thinking.

I added 3 tens and 9 ones that makes 39. 1ten and 5 ones is 15. 1ten and 6 ones make 16. And I counted the tens it was 5 and 7 ones and I new that it was $70.

4. How many weeks does Jordan have to save his allowance to be able buy all three things?

(5) (10) (15)
(20) (25) (30)
(35) (40) (45)
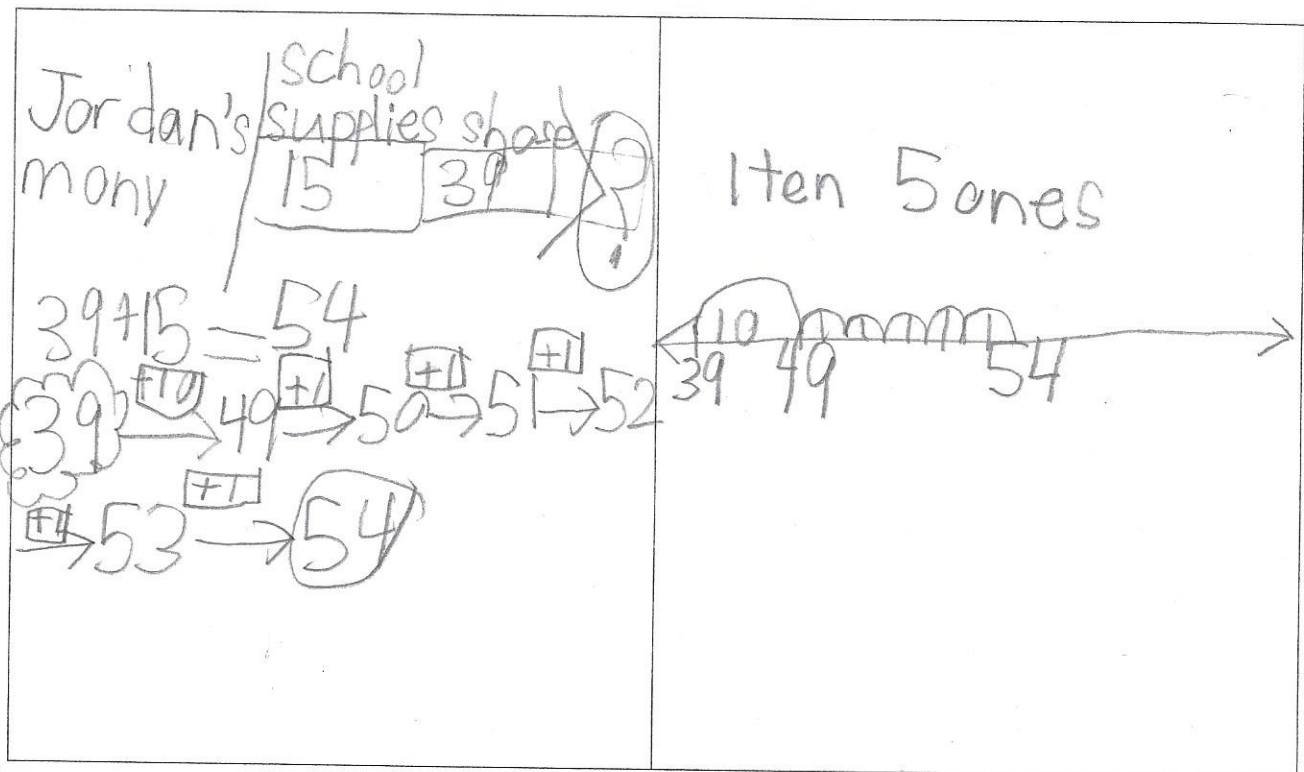(50) (55) (60)
(65) (70)

14 weeks

Jordan will now have to save his allowance for __14 weeks__ weeks to

reach his goal, because

I started by 5 to 10 15 20 25 30 35 40 45 50 55 60 65 and 70 and I couned the circles and It was 14 so It wa 14 weeks.
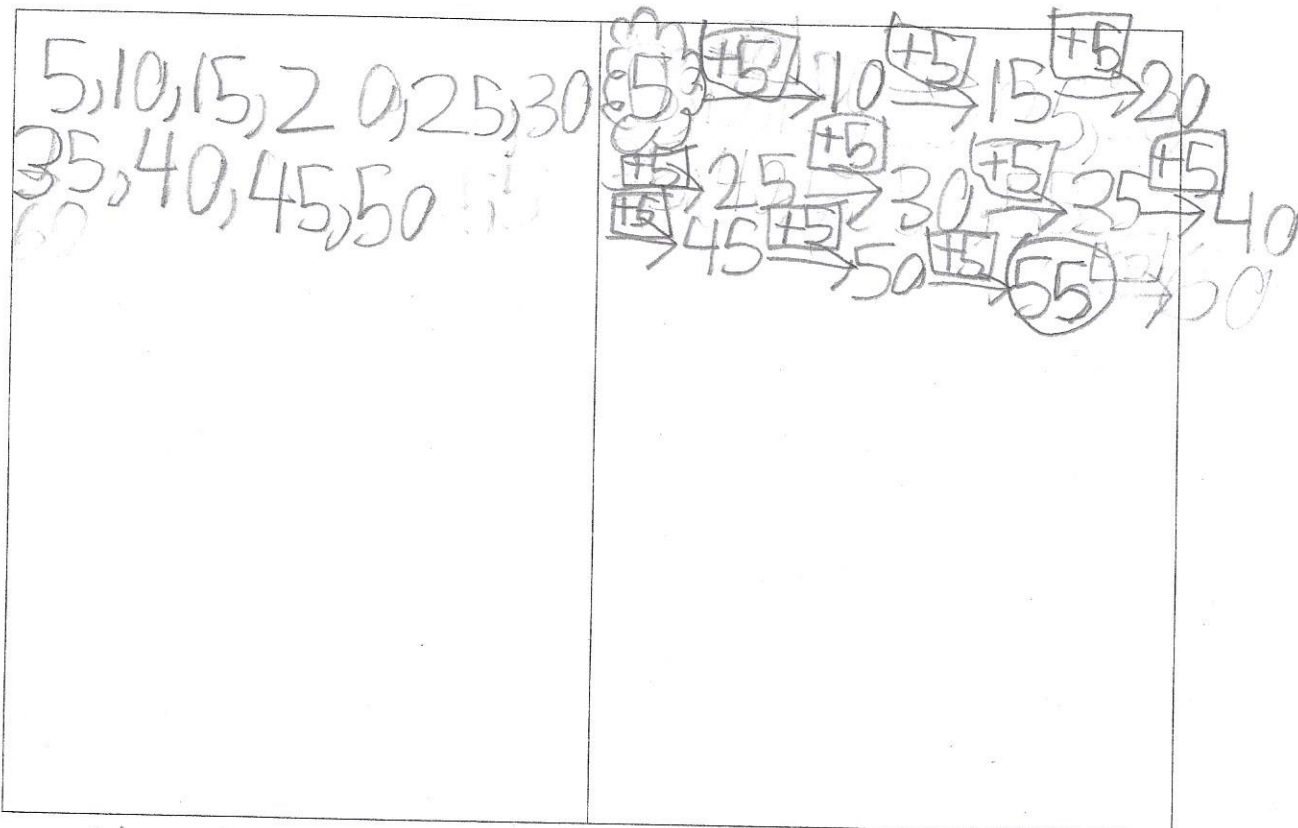
Jordan Saves Money

Jordan wants to give $15 to help kids who need school supplies. He also wants to buy a pair of shoes for $39.
Explain your thinking in two ways by using words, pictures, number sentences, and/or models.

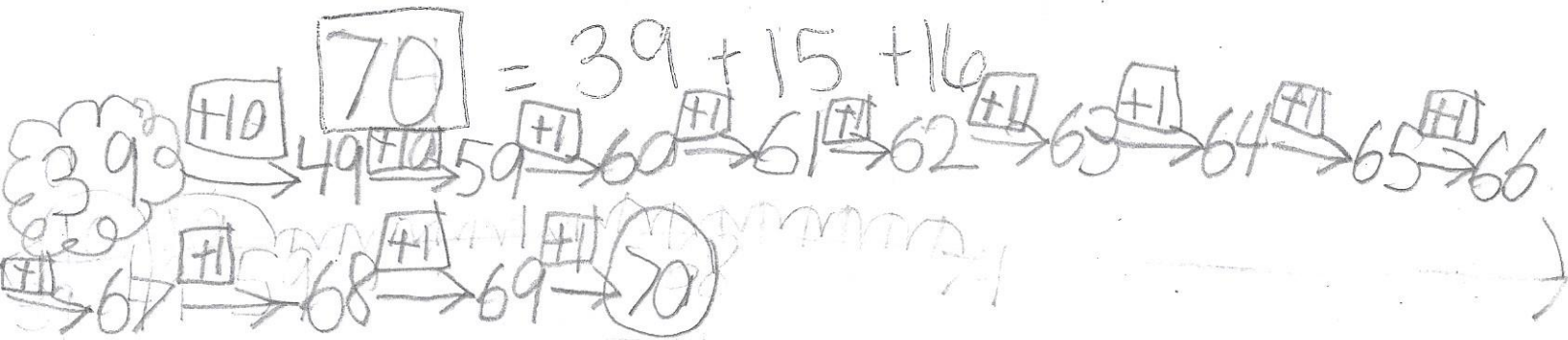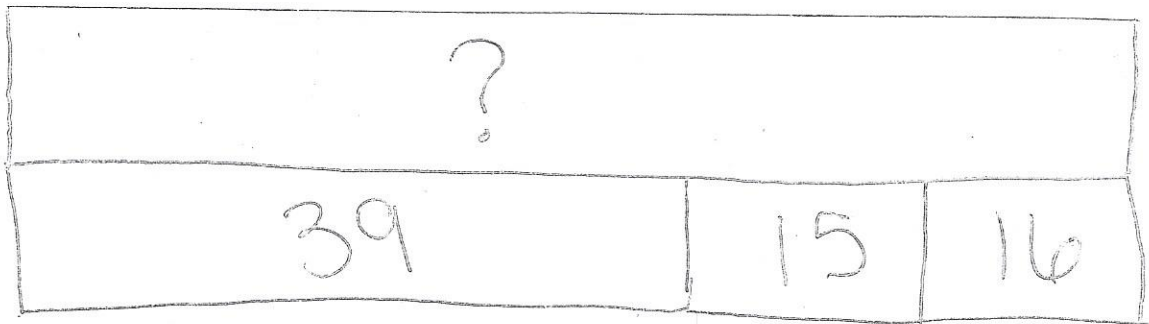1. How much money will he have to save for both?

Jordan's mony | school supplies share | 15 | 39 |

$39 + 15 = 54$

$39 \to 40 \to 50 \to 51 \to 52 \to 53 \to 54$ (with +10, +1, +1, +1, +1)

I ten 5 ones

$39 \quad 49 \quad 54$

Jordan will have to save $ **54** for both, because $39 + 15 = 54$ and you can figure that out by using the number line and Model Drawing. I know this because I did the math.

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2. Jordan gets $5 a week for his allowance. He plans to save his allowance every week. Jordan thinks it will take 10 weeks to reach his goal. His brother says it will take 11 weeks. Who is correct and why?

5, 10, 15, 2 0, 25, 30
35, 40, 45, 50

5 +5→ 10 +5→ 15 +5→ 20
+5→ 25 +5→ 30 +5→ 35 +5→ 40
+5→ 45 +5→ 50 +5→ 55 → 60

his brother is correct, because if you skip count by fives 11 times than you get $55 and if you skip count by fives 10 times than you get $50 if you start at five and there was one left.

3. Jordan remembers his sister's birthday is next month. He sets a goal of saving $16 for her gift. How much will Jordan have to save to be able to buy the school supplies, new shoes, and birthday present? Jordan uses a part-part-whole model.
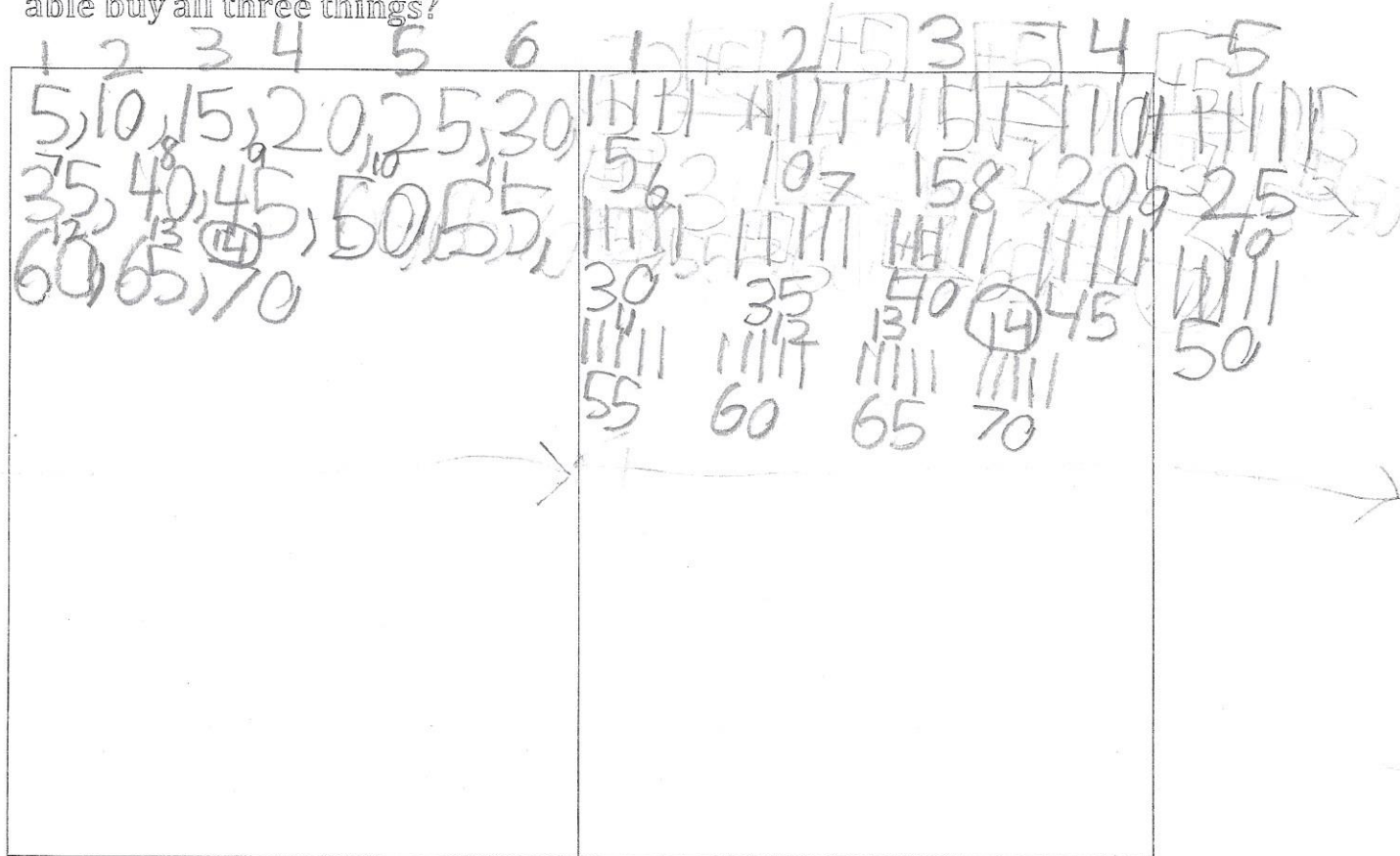
?		
39	15	16

$$\boxed{70} = 39 + 15 + 16$$

39 → +10 → 49 → +10 → 59 → +1 → 60 → +1 → 61 → +1 → 62 → +1 → 63 → +1 → 64 → +1 → 65 → +1 → 66 → +1 → 67 → +1 → 68 → +1 → 69 → 70

70

Jordan will have to save $ ___70___ to buy all three things. Explain

Jordan's thinking.

Jordan is thinking about using Model Drawing.

4. How many weeks does Jordan have to save his allowance to be able buy all three things?

1 2 3 4 5 6
5, 10, 15, 20, 25, 30,
35, 40, 45, 50, 65,
60, 65, 70

1   2   3   4   5
5   10   15   20   25

30   35   50   45   50

55   60   65   70

Jordan will now have to save his allowance for __14__ weeks to

reach his goal, because

if he counts by fives
fourteen times then he
he would get 70.

Jordan Saves Money

Jordan wants to give $15 to help kids who need school supplies. He also wants to buy a pair of shoes for $39. *Explain your thinking in two ways by using words, pictures, number sentences, and/or models.*
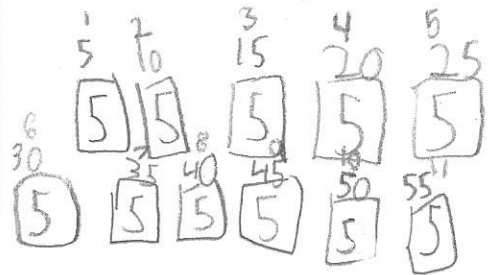
1. How much money will he have to save for both?

Left box:
39 → 49 → 50 → 51 → 52 → 53 → 54

Anser
54

Right box:
50 + 4 = 54
50   0   4
40 + 14 = 54

39 + 15 = ?
  9 30 10 5

(30 + 10)
(9 + 5)
Anser
54

5 ones
9   14

Jordan will have to save $ __54__ for both, because
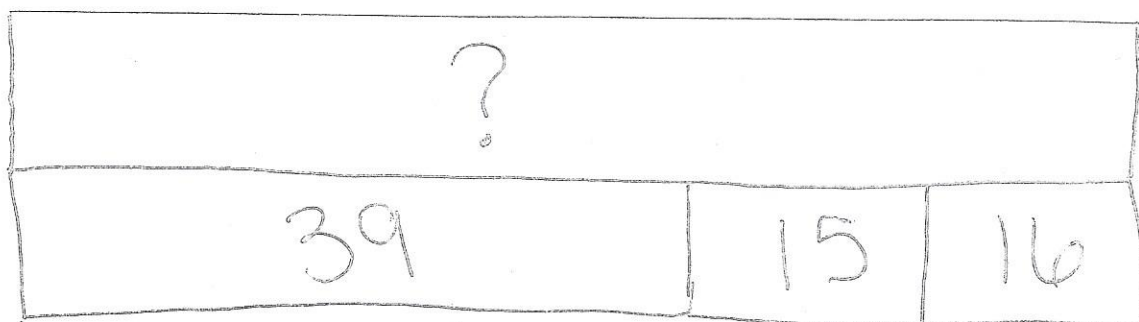he wants to buy school supplies for other people and a pair of shoes for he self. That will

2. Jordan gets $5 a week for his allowance. He plans to save his allowance every week. Jordan thinks it will take 10 weeks to reach his goal. His brother says it will take 11 weeks. Who is correct and why?

$-1 = 54$ that is

— times

1 extra

His __brother__ is correct, because __I skiped cont by
fives and it was 11 times. I started
with five and then I added more
fives in tell I got to 54 but there
was one extra.__

3. Jordan remembers his sister's birthday is next month. He sets a goal of saving $16 for her gift. How much will Jordan have to save to be able to buy the school supplies, new shoes, and birthday present? Jordan uses a part-part-whole model.

?		
39	15	16

$$\boxed{70} = \overset{=54}{3\overset{\wedge}{9} + 1\overset{\wedge}{5}} + 16$$

$(50+10)$ $54 + 16 =$ $\begin{matrix}70+ 0 = 70\\60+10\end{matrix}$
$(4+6)$ $\overset{\wedge}{50\ 4}\ \overset{\wedge}{10\ 6}$

Jordan will have to save $ __70__ to buy all three things. Explain

Jordan's thinking.

Jordan knows that 39+15=54 so, Jordan said that he could add 16 to 54 than he will have the anser. first, jordan knows that 39+15=54 so, you add 16 to 54 by + the los then + the ones. Then you get the anser 70

Los Angeles Unified School District – Grade 2 CCSS-Aligned Task – 12.4.15   70

4. How many weeks does Jordan have to save his allowance to be able buy all three things?

11 12 13 14 weeks
55 60 65 70 75
5   5   5   5

(14)

11   12   15   14
55 + IIIII IIIII IIIII

= 14 weeks

74

Jordan will now have to save his allowance for ___14___ weeks to

reach his goal, because

he needs the money to
have enogh to save for to get
the school sipplies, and the shoes, and
B-day presint. You have to start
with 11 weeks and keep counting
by fives in tell you get to 70.

Jordan Saves Money

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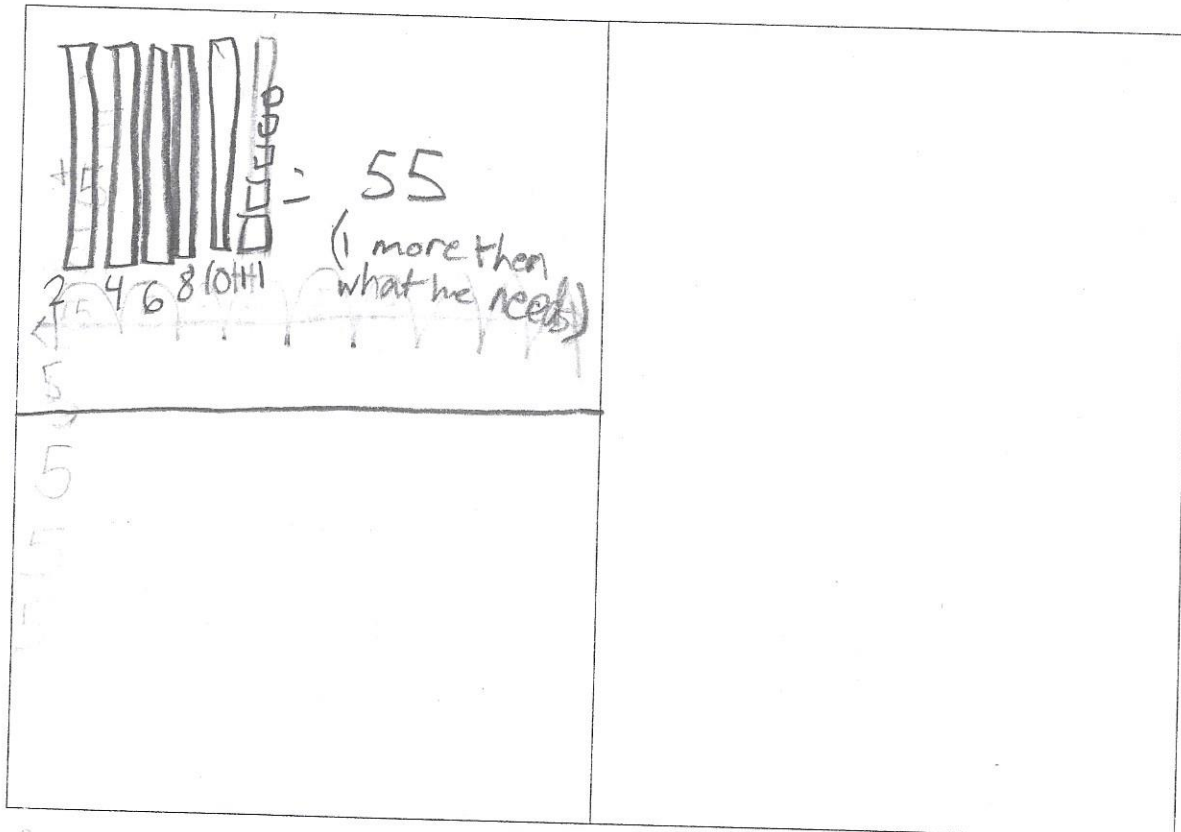
1. How much money will he have to save for both?

$15 + $39

$10 + 30 = 40$

$5 + 9 = 14$

$40 + 14$

50 10 4

54

54

$20 + 30 = 50$
$50 + 4 = 54$
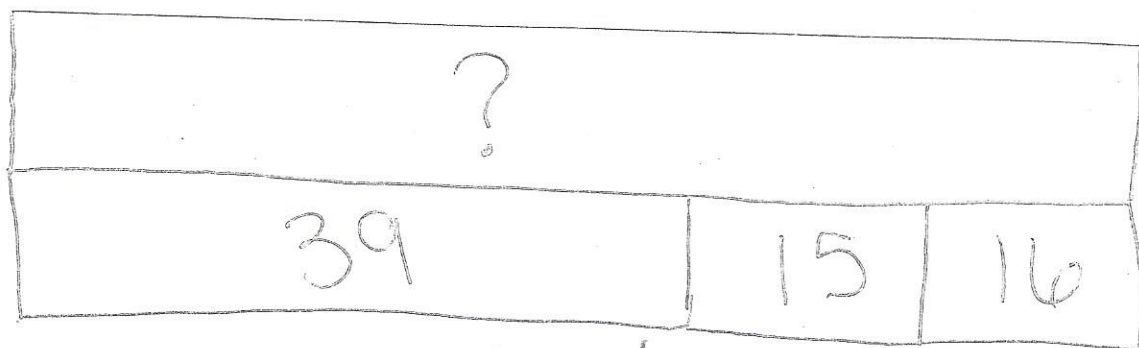
Jordan will have to save $ __54__ for both, because

I use tens to find the answer and decomposed and my answer added up to it all together, 54.

2. Jordan gets $5 a week for his allowance. He plans to save his allowance every week. Jordan thinks it will take 10 weeks to reach his goal. His brother says it will take 11 weeks. Who is correct and why?

$5 $5 $5 $5 $5 $5 = 55
2 4 6 8 10 11   (1 more then what he needs)

5
5

Jordan's **brother** is correct, because **$50 is not enough but $55 is and $55 take 11 weeks so Jordans broter is correct about his estamite.**

3. Jordan remembers his sister's birthday is next month. He sets a goal of saving $16 for her gift. How much will Jordan have to save to be able to buy the school supplies, new shoes, and birthday present? Jordan uses a part-part-whole model.

?			
39		15	16

(no longer 15)

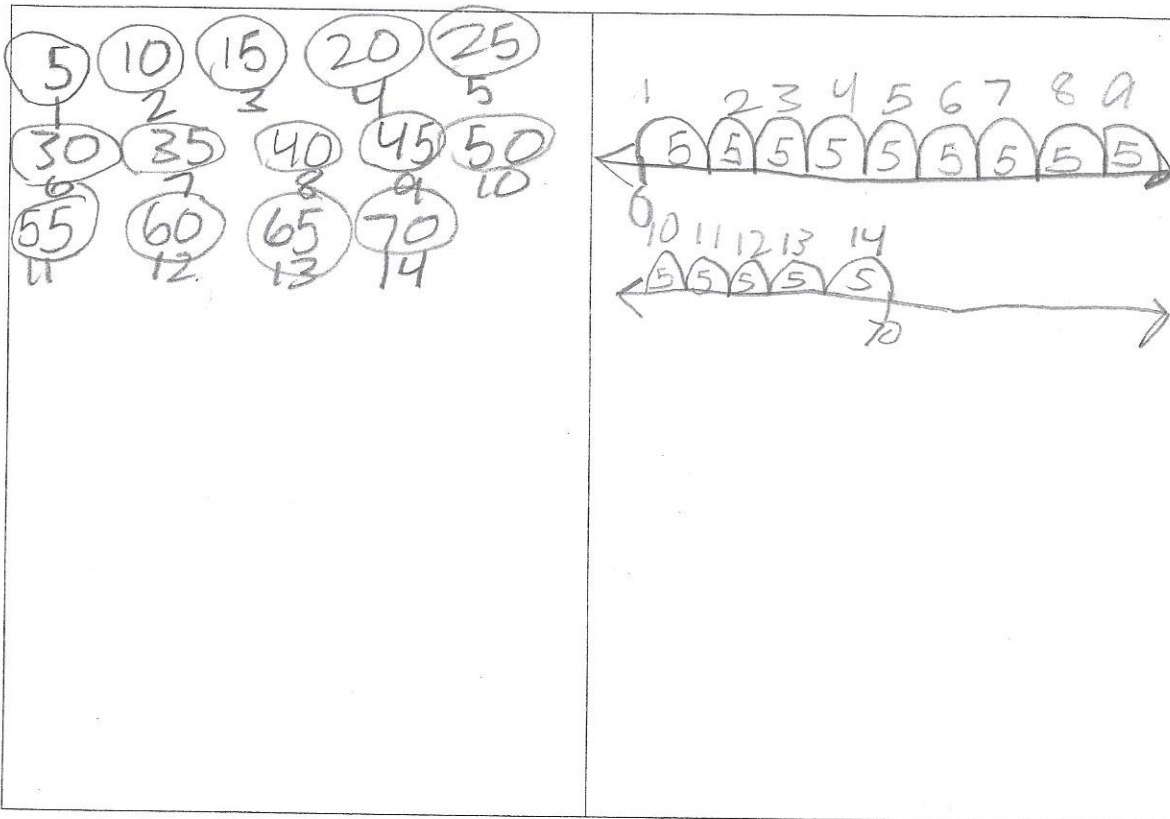$$\boxed{70} = 39 + \cancel{15} + 16$$

40   1   14   30

$40 + 30 = 70$

Jordan will have to save $ __70__ to buy all three things. Explain Jordan's thinking.

Jordan is thinking that he could decompose the 15 in equal parts to make tens and then add the them together so it would be easier because there are no one to add.

4. How many weeks does Jordan have to save his allowance to be able buy all three things?

Jordan will now have to save his allowance for ___14___ weeks to

reach his goal, because

I know that he had $5 a week for allowance so I skip-counted by fives on both way I used.