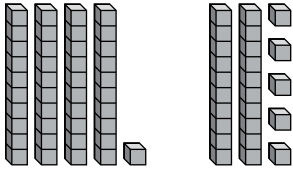


1. Write an equation that matches the place-value blocks below. **1 point**



$41 + 25 = 66$

2. Use the part of the hundred chart to add. **1 point**

$38 + 20 = ?$

- (A) 28 (C) 50
(B) 40 (D) 58

21	22	23	24	25	26	27	28	29	30
31	32	33	34	35	36	37	38	39	40
41	42	43	44	45	46	47	48	49	50
51	52	53	54	55	56	57	58	59	60

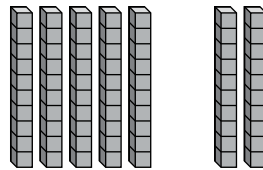
3. Find the sum. Draw place-value blocks to show how you found it. **2 points**

$40 + 2 = \underline{42}$



Check students' drawings; Sample work shown.

4. Which equation matches the place-value blocks shown below? Choose all that apply. **1 point**



- $50 + 10 = 60$
 $5 \text{ tens} + 2 \text{ tens} = 7 \text{ tens}$
 $50 + 20 = 70$
 $4 \text{ tens} + 2 \text{ tens} = 6 \text{ tens}$

5. Anna eats 16 grapes. Then she eats 12 more. How many grapes does Anna eat in all? Explain how you solved the problem. Did you need to make 10? **3 points**

28 grapes; Sample answer: I added the ones and then I added the tens. I did not need to make 10.

6. Solve the problem. Use place-value blocks if needed. **2 points**

	Tens	Ones
	3	9
+	1	2
<hr/>		
	5	1

Can you make 10?

Circle **Yes** or **No**.

Yes

No

7. Marco bakes 15 muffins. Julie bakes 17 muffins. How many muffins do Marco and Julie bake in all? **3 points**

Use words, pictures, or a model to solve. Write the equation.

**Check students' work;
Sample equation shown.**

$$\underline{15} + \underline{17} = \underline{32}$$

32 muffins

Use the part of the hundred chart to solve each problem.
1 point each

1	2	3	4	5	6	7	8	9	10
11	12	13	14	15	16	17	18	19	20
21	22	23	24	25	26	27	28	29	30
31	32	33	34	35	36	37	38	39	40

8. $10 + 23 = ?$

- (A) 13
- (B) 24
- (C) 33
- (D) 40

9. $6 + 31 = ?$

- (A) 91
- (B) 37
- (C) 36
- (D) 25

Use mental math to solve. 1 point each

10. $41 + 10 = \underline{51}$ 11. $39 + 10 = \underline{49}$ 12. $83 + 10 = \underline{93}$

Choose the correct number to complete each equation. 1 point each

13. $30 + 50 = \underline{?}$

- (A) 60
- (B) 70
- (C) 80
- (D) 90

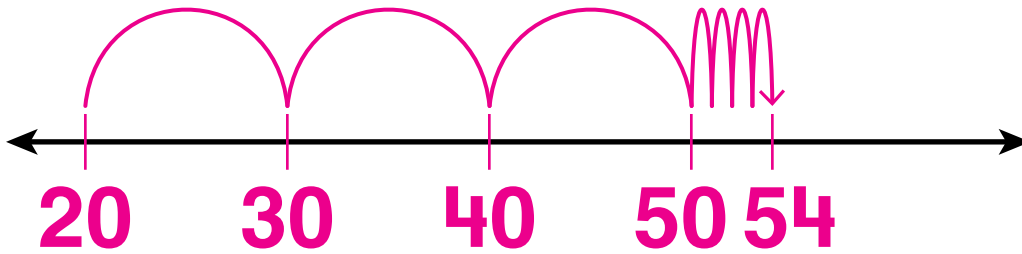
14. $20 + \underline{?} = 70$

- (A) 50
- (B) 60
- (C) 70
- (D) 80

15. $\underline{?} + 40 = 60$

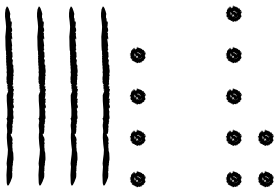
- (A) 10
- (B) 20
- (C) 30
- (D) 40

16. Use the open number line to add. Show your work. **2 points**
Check students' number lines; sample work shown.



$$20 + 34 = \underline{54}$$

17. Alex drew models to show $54 + 7$. Did he draw the models correctly? Explain how you know. **3 points**



No; Sample answer:

Alex only drew 4 tens.

He did not model





54 correctly.

- Solve each problem. Can you make 10? Use place-value blocks if needed. **2 points each**

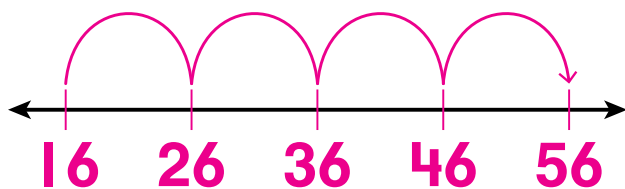
	Show	Add	Can you make 10?	Find the sum.
18.	17	26	Yes No	43
19.	53	24	Yes No	77
20.	15	35	Yes No	50

On the Farm

Milo's class visits a farm! Milo counts the animals he sees. He makes this chart.

Number of Animals	
Pigs 	16
Goats 	40
Cows 	28
Horses 	7

1. How many **Pigs** and **Goats** in all? Use the open number line to solve. **2 points**
Sample work shown.



56 pigs and goats

2. How many **Cows** and **Horses** in all?

Use the hundred chart to add. **1 point**

1	2	3	4	5	6	7	8	9	10
11	12	13	14	15	16	17	18	19	20
21	22	23	24	25	26	27	28	29	30
31	32	33	34	35	36	37	38	39	40
41	42	43	44	45	46	47	48	49	50
51	52	53	54	55	56	57	58	59	60
61	62	63	64	65	66	67	68	69	70
71	72	73	74	75	76	77	78	79	80
81	82	83	84	85	86	87	88	89	90
91	92	93	94	95	96	97	98	99	100

Sample equation shown.

$$\underline{28} + \underline{7} = \underline{35}$$

35 cows and horses

3. Milo sees 27 white chickens at the farm. He sees 14 brown chickens at the farm. How many chickens does he see in all?

Use place-value blocks to solve. Draw the blocks you used.

Check students' drawings

41 chickens

Did you need to make a 10 when you added the ones? Circle **yes** or **no**.

Explain your answer.

Sample answer: ^{2 points}

7 ones + 4 ones =

11 ones. So, I made

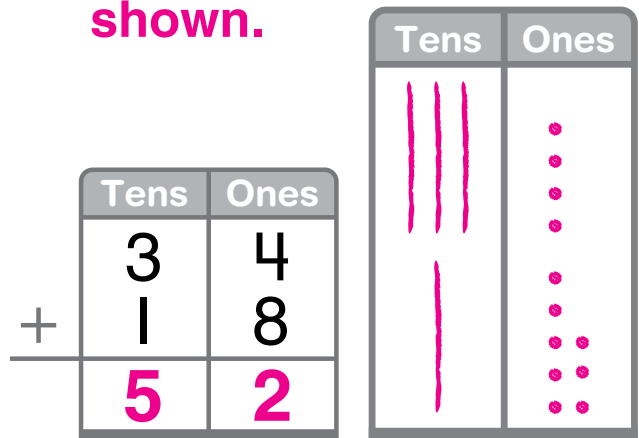
a ten and have 1 ten

and 1 one.

4. The farm has 34 sheep in a barn. There are 18 sheep outside the barn. How many sheep are there in all? **3 points**

Part A

Use the Tens and Ones chart to help you solve the problem. **Check students' drawings. Sample work shown.**



Part B

Write an equation that matches the story.

Sample equation shown.

$$\underline{34} + \underline{18} = \underline{52}$$