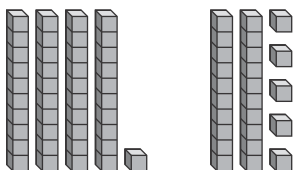


1. Write an equation that matches the place-value blocks below. **1 point**



$$\underline{41} + \underline{25} = \underline{66}$$

2. 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.**

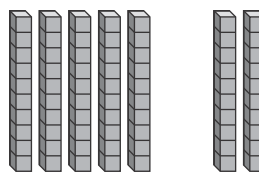
3. Find the sum of 15 and 17.

Use words, pictures, or a model to solve. Write the equation. **3 points**

**32; Check
students' work.**

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

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



- $50 + 10 = 60$
- $5 \text{ tens} + 2 \text{ tens} = 7 \text{ tens}$
- $50 + 20 = 70$
- $4 \text{ tens} + 2 \text{ tens} = 6 \text{ tens}$
- $6 \text{ tens} + 3 \text{ ones} = 9 \text{ ones}$

5. Find the sum of 16 and 12. Explain how you solved the problem. Did you need to make a 10? **3 points**

28; 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. **3 points**

$$39 + 12 = \underline{51}$$

Can you make a 10? Explain.

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

Yes

No

**Sample answer:
9 ones plus 2 ones is
11 ones.**

7. Use the part of the hundred chart to add. Choose the possible explanation for how to find $38 + 20$. **1 point**

- (A) I start at 38 and then move one row up to get 28. So, $38 + 20 = 28$.
- (B) I start at 38 and then move two columns to the right to get 40. So, $38 + 20 = 40$.
- (C) I start at 38 and then move one row down and two columns to the right to get 50. So, $38 + 20 = 50$.
- (D) I start at 38 and then move two rows down to get 58. So, $38 + 20 = 58$.

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

Use the part of the hundred chart to solve each problem. What is one way to explain your answer? **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; I started at 23 and subtracted 1 ten.
- (B) 24; I started at 23 and added 1 one.
- (C) 33; I started at 23 and added 1 ten.
- (D) 40; I started at 10 and added 3 tens.

9. $6 + 31 = ?$

- (A) 91; I started at 31 and added 6 tens.
- (B) 37; I started at 31 and added 6 ones.
- (C) 36; I started at 31 and added 6 ones.
- (D) 25; I started at 31 and subtracted 6 ones.

Use mental math to solve. Then explain how you found your answer. **2 points each**

10. $41 + 10 = \underline{51}$

Sample answer:

I added 1 ten to

41.

11. $39 + 10 = \underline{49}$

Sample answer:

I added 1 ten to

39.

12. $83 + 10 = \underline{93}$

Sample answer:

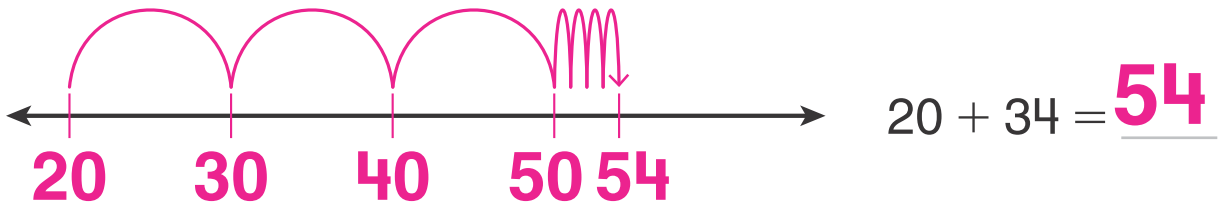
I added 1 ten to

83.

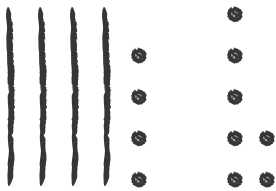
Find the correct number to complete each equation. **1 point each**

13. $30 + 50 = \underline{80}$; 14. $20 + \underline{50} = 70$; 15. $\underline{20} + 40 = 60$

16. Use the open number line to find $20 + 34$. Show your work. **2 points**
Check students' number lines; sample work shown.



17. Find $54 + 7$. Do the models correctly show the sum? Explain how you know. **3 points**



No; Sample answer:
The model only shows 4 tens. It does not model 54 correctly.

Solve each problem. Can you make a 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