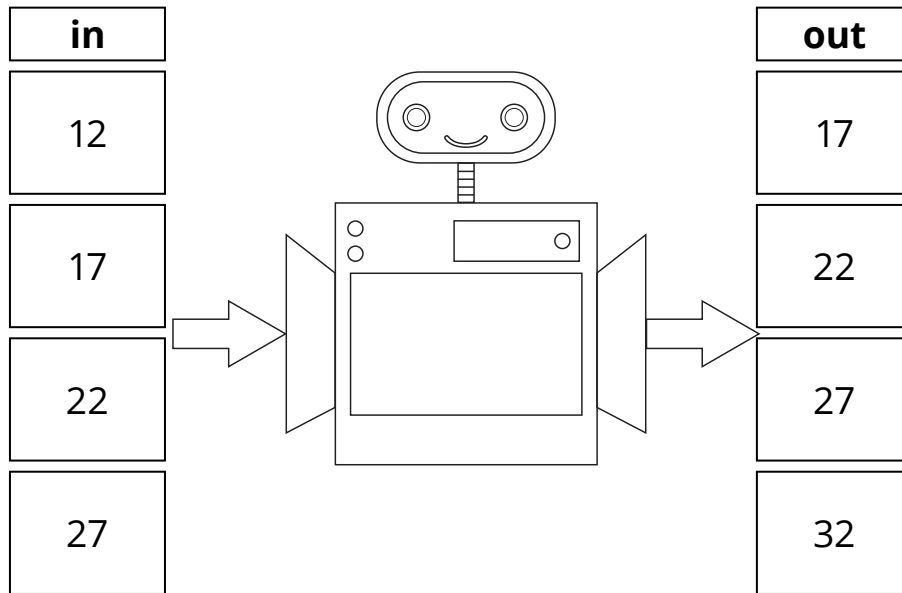


Name \_\_\_\_\_

Date \_\_\_\_\_

## Number Patterns (A)

- ① Can you work out what the robot is doing in his tummy to change the numbers that go inside? Write the rule on his tummy.



- ② Work out the pattern, and then fill in the missing numbers in these number patterns.

a) 

20	22	24			30			36	
----	----	----	--	--	----	--	--	----	--

b) 

68	66			60	58			52	
----	----	--	--	----	----	--	--	----	--

c) 

45		35	30		20	15			0
----	--	----	----	--	----	----	--	--	---

d) 

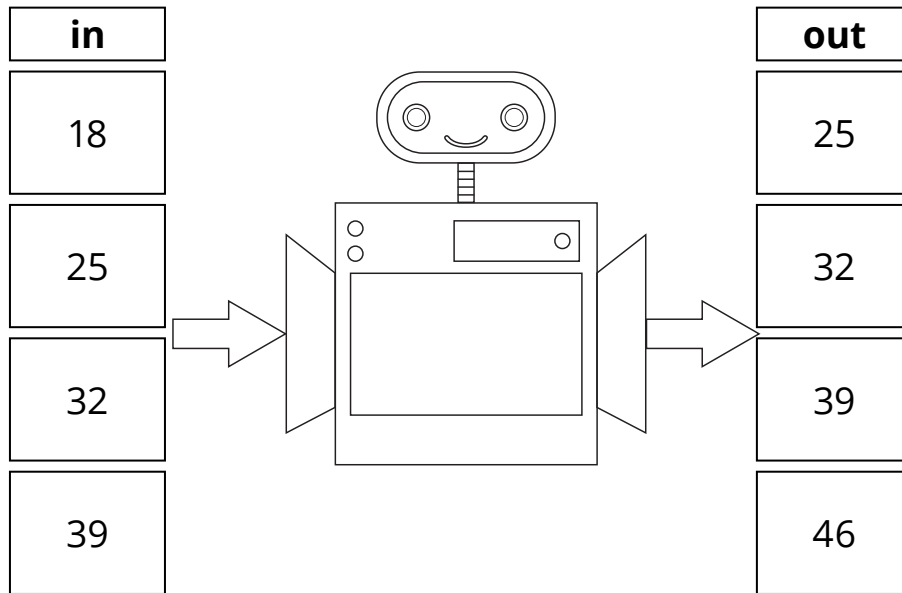
90			60	50			20		0
----	--	--	----	----	--	--	----	--	---

Name \_\_\_\_\_

Date \_\_\_\_\_

## Number Patterns (B)

- ① Can you work out what the robot is doing in his tummy to change the numbers that go inside? Write the rule on his tummy.



- ② Work out the pattern, and then fill in the missing numbers in these number patterns.

a)

3	5				13			19	
---	---	--	--	--	----	--	--	----	--

b)

5	10			25	30			45	
---	----	--	--	----	----	--	--	----	--

c)

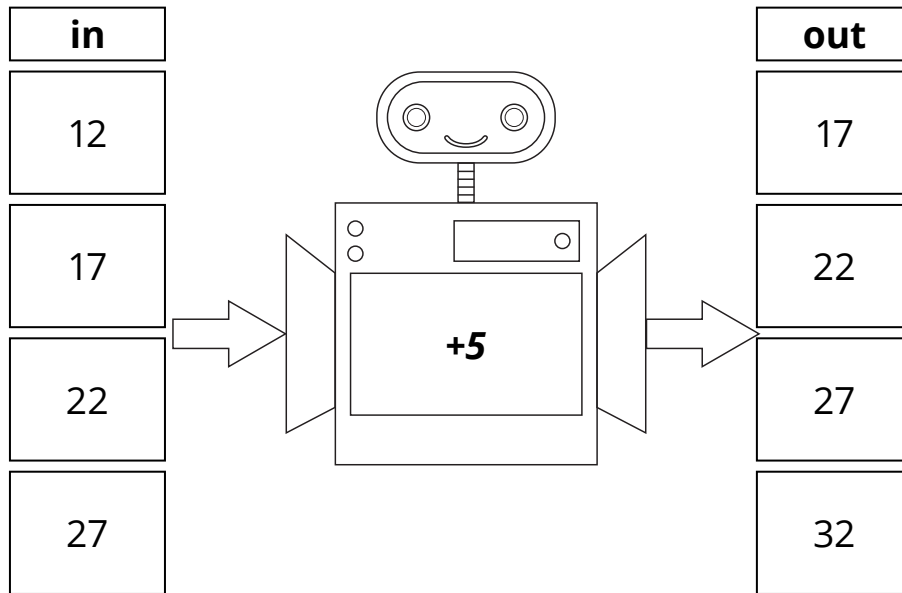
100		80			50	40			10
-----	--	----	--	--	----	----	--	--	----

d)

6			15	18			27		33
---	--	--	----	----	--	--	----	--	----

## Number Patterns (A) - Answers

- ① Can you work out what the robot is doing in his tummy to change the numbers that go inside? Write the rule on his tummy.



- ② Work out the pattern, and then fill in the missing numbers in these number patterns.

a) 

20	22	24	<b>26</b>	<b>28</b>	30	<b>32</b>	<b>34</b>	36	<b>38</b>
----	----	----	-----------	-----------	----	-----------	-----------	----	-----------

b) 

68	66	<b>64</b>	<b>62</b>	60	58	<b>56</b>	<b>54</b>	52	<b>50</b>
----	----	-----------	-----------	----	----	-----------	-----------	----	-----------

c) 

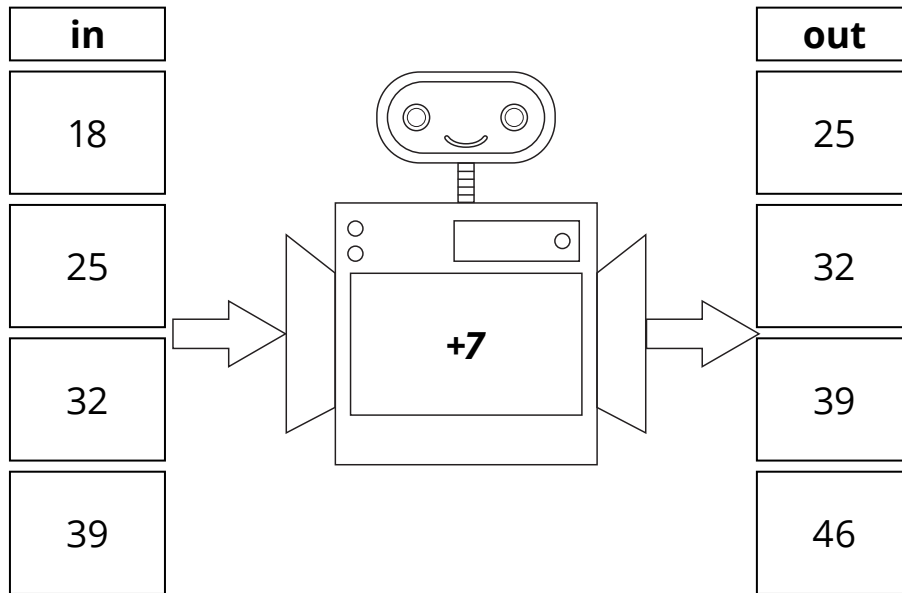
45	<b>40</b>	35	30	<b>25</b>	20	15	<b>10</b>	<b>5</b>	0
----	-----------	----	----	-----------	----	----	-----------	----------	---

d) 

90	<b>80</b>	<b>70</b>	60	50	<b>40</b>	<b>30</b>	20	<b>10</b>	0
----	-----------	-----------	----	----	-----------	-----------	----	-----------	---

## Number Patterns (B) - Answers

- ① Can you work out what the robot is doing in his tummy to change the numbers that go inside? Write the rule on his tummy.



- ② Work out the pattern, and then fill in the missing numbers in these number patterns.

a) 

3	5	<b>7</b>	<b>9</b>	<b>11</b>	13	<b>15</b>	<b>17</b>	19	<b>21</b>
---	---	----------	----------	-----------	----	-----------	-----------	----	-----------

b) 

5	10	<b>15</b>	<b>20</b>	25	30	<b>35</b>	<b>40</b>	45	<b>50</b>
---	----	-----------	-----------	----	----	-----------	-----------	----	-----------

c) 

100	<b>90</b>	80	<b>70</b>	<b>60</b>	50	40	<b>30</b>	<b>20</b>	10
-----	-----------	----	-----------	-----------	----	----	-----------	-----------	----

d) 

6	<b>9</b>	<b>12</b>	15	18	<b>21</b>	<b>24</b>	27	<b>30</b>	33
---	----------	-----------	----	----	-----------	-----------	----	-----------	----

Name \_\_\_\_\_

Date \_\_\_\_\_

## Solving Word Problems (A)

- ① Solve each problem by drawing a picture and writing the matching number sentence.

a) Serena helped to plant 35 new trees on Saturday and 14 on Sunday. How many trees did she plant altogether?

b) There are 25 students in your class, but 6 are away today. How many students are in your class today?

c) Cody saw 3 monkeys, 2 giraffes, 12 ducks and 1 elephant at the zoo. How many animals did he see altogether?

d) Jane received a bunch of balloons for her birthday. There were 18 balloons but then 3 popped. How many balloons does she have left?



Name \_\_\_\_\_

Date \_\_\_\_\_

## Solving Word Problems (B)

- ① Solve each problem by drawing a picture and writing the matching number sentence.

a) Diana's chickens laid 10 eggs on Monday and 8 eggs on Tuesday. How many eggs did they lay altogether?

b) Cooper took 14 pencils to school, but he only brought 8 home. How many pencils did he leave at school?

c) Michaela was paid \$7 for cleaning her room and then \$6 for doing the washing up. How much money did she earn altogether?

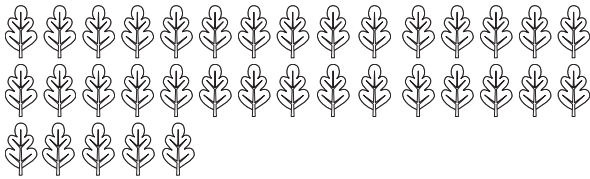
d) Alex had 12 cherries in his lunchbox. He ate 9 of them for morning tea. How many cherries does he have left?



## Solving Word Problems (A) - Answers

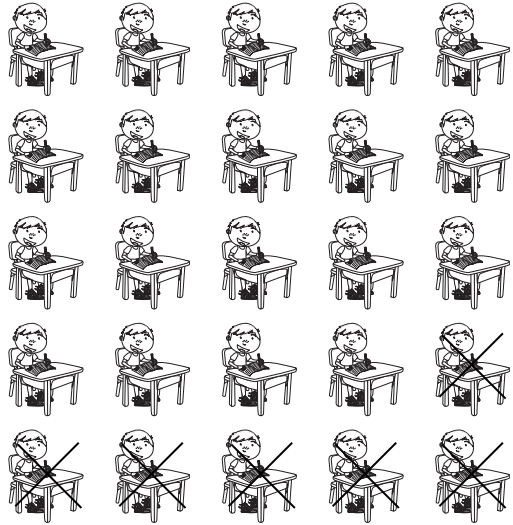
1 Solve each problem by drawing a picture and writing the matching number sentence.

a) Serena helped to plant 35 new trees on Saturday and 14 on Sunday. How many trees did she plant altogether?



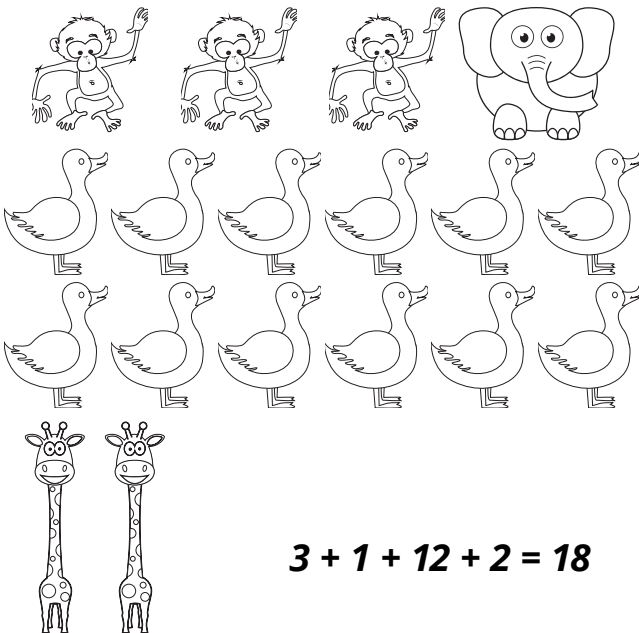
$$35 + 14 = 49$$

b) There are 25 students in your class. 6 are away today. How many students are in your class today?



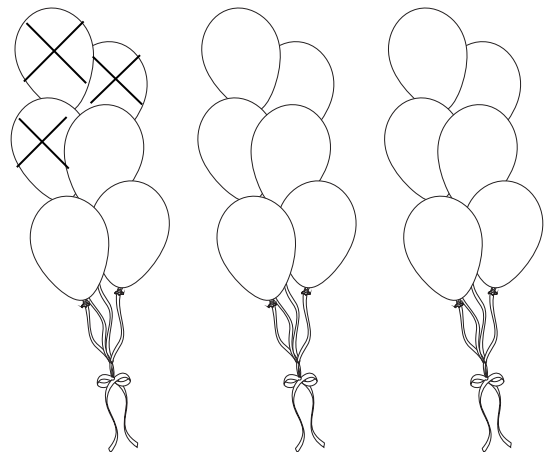
$$25 - 6 = 19$$

c) Cody saw 3 monkeys, 2 giraffes, 12 ducks and 1 elephant at the zoo. How many animals did he see altogether?



$$3 + 1 + 12 + 2 = 18$$

d) Jane received a bunch of balloons for her birthday. There were 18 balloons but then 3 popped. How many balloons does she have left?

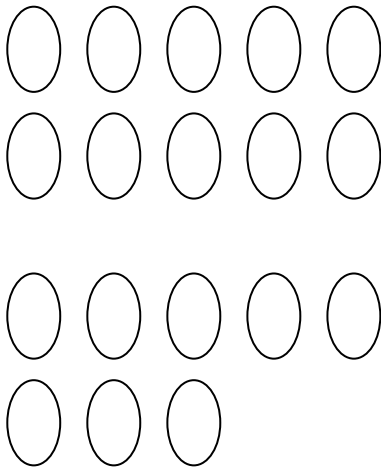


$$18 - 3 = 15$$

## Solving Word Problems (B) - Answers

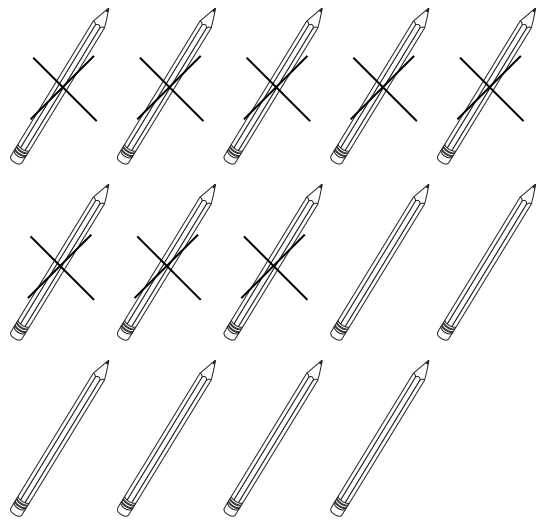
- ① Solve each problem by drawing a picture and writing the matching number sentence.

- a) Diana's chickens laid 10 eggs on Monday and 8 eggs on Tuesday. How many eggs did they lay altogether?



$$10 + 8 = 18$$

- b) Cooper took 14 pencils to school, but he only brought 8 home. How many pencils did he leave at school?



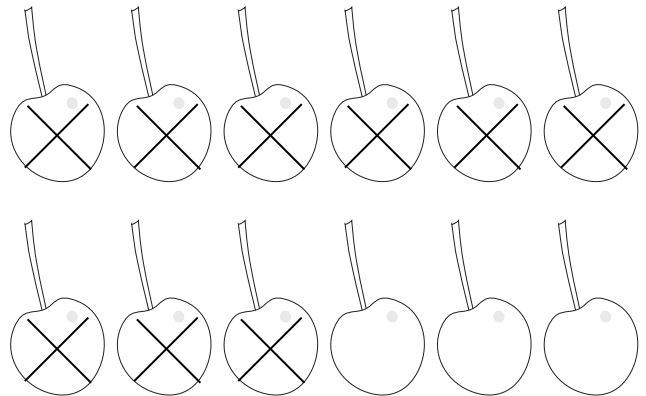
$$14 - 8 = 6$$

- c) Michaela was paid \$7 for cleaning her room and then \$6 for doing the washing up. How much money did she earn altogether?



$$\$7 + \$6 = \$13$$

- d) Alex had 12 cherries in his lunchbox. He ate 9 of them for morning tea. How many cherries does he have left?



$$12 - 9 = 3$$