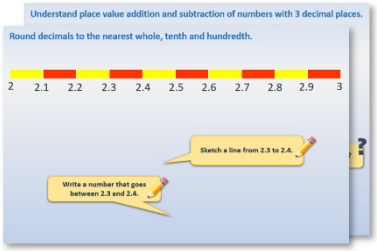
Week 7, Day 1
Word problems

Each day covers one maths topic. It should take you about 1 hour or just a little more.

1. Start by reading through the **Learning Reminders**.
They come from our *PowerPoint* slides.



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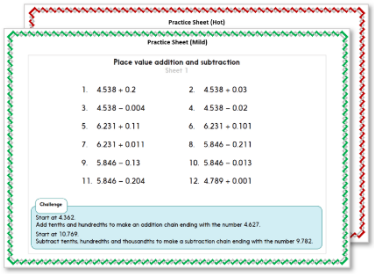
2. Tackle the questions on the **Practice Sheet**.
There might be a choice of either Mild (easier) or Hot (harder)!
Check the answers.



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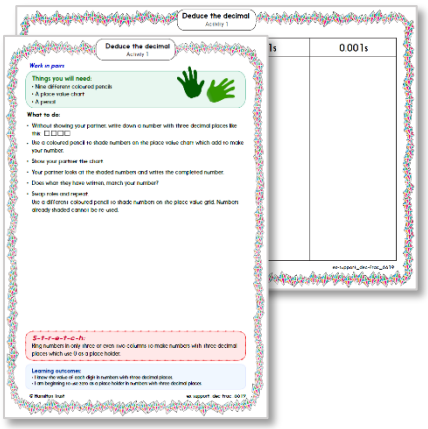
3. Finding it tricky? That's OK… have a go with a grown-up at **A Bit Stuck?**



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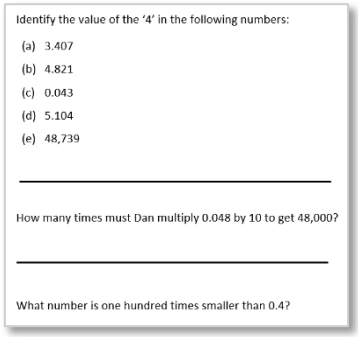
4. Have I mastered the topic? A few questions to **Check your understanding**.
Fold the page to hide the answers!



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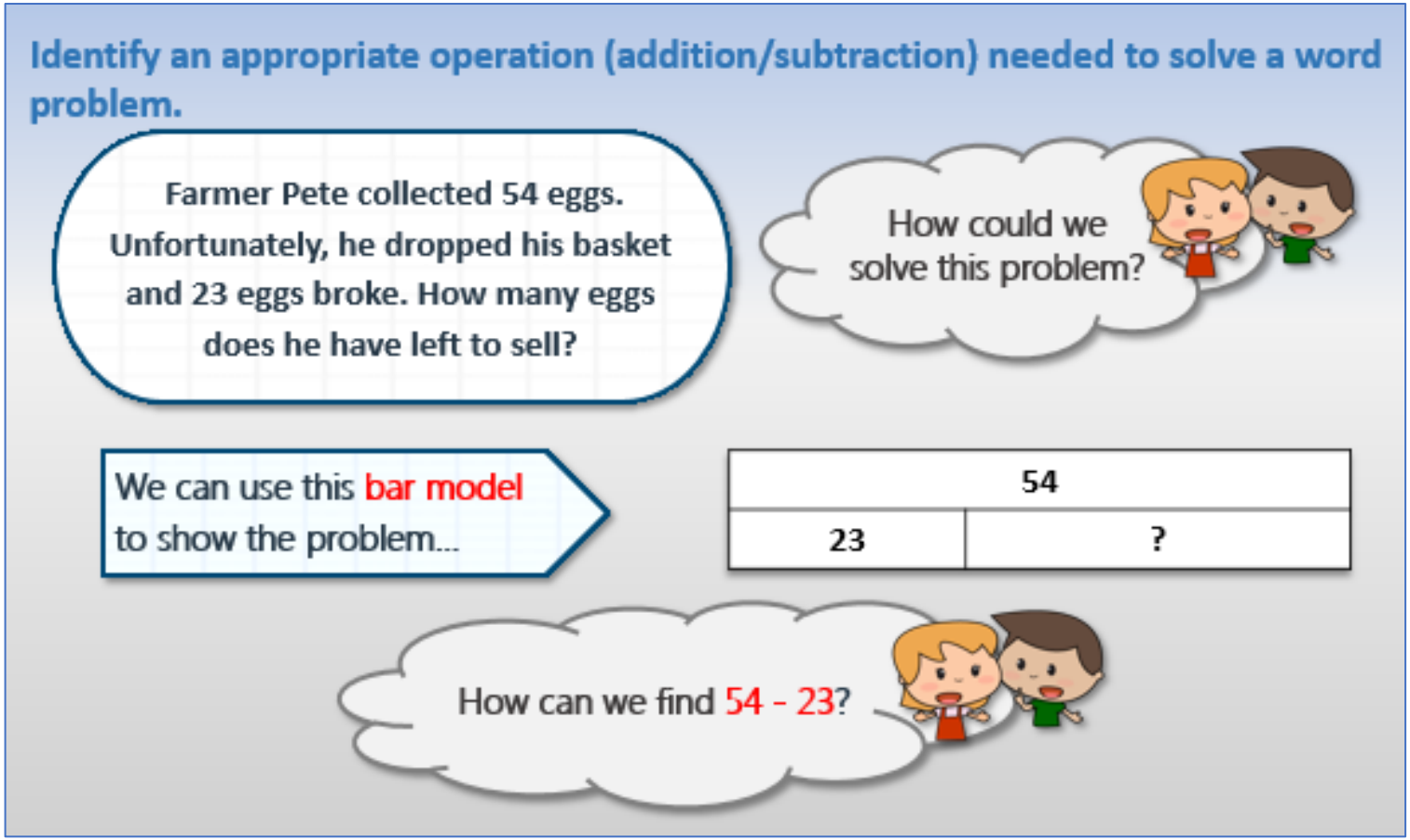
Learning Reminders



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Learning Reminders

Identify an appropriate operation (addition/subtraction) needed to solve a word problem.

Let's use Spider and Fly.

Put spider on 54.

Count back 20, to land on 34.

Now swap to Fly. He counts back 3.

54 - 23 = 31

31 eggs left!

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		35	36	37	38	39	40
41	42	43	44	45	46	47	48	49	50
51	52	53		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

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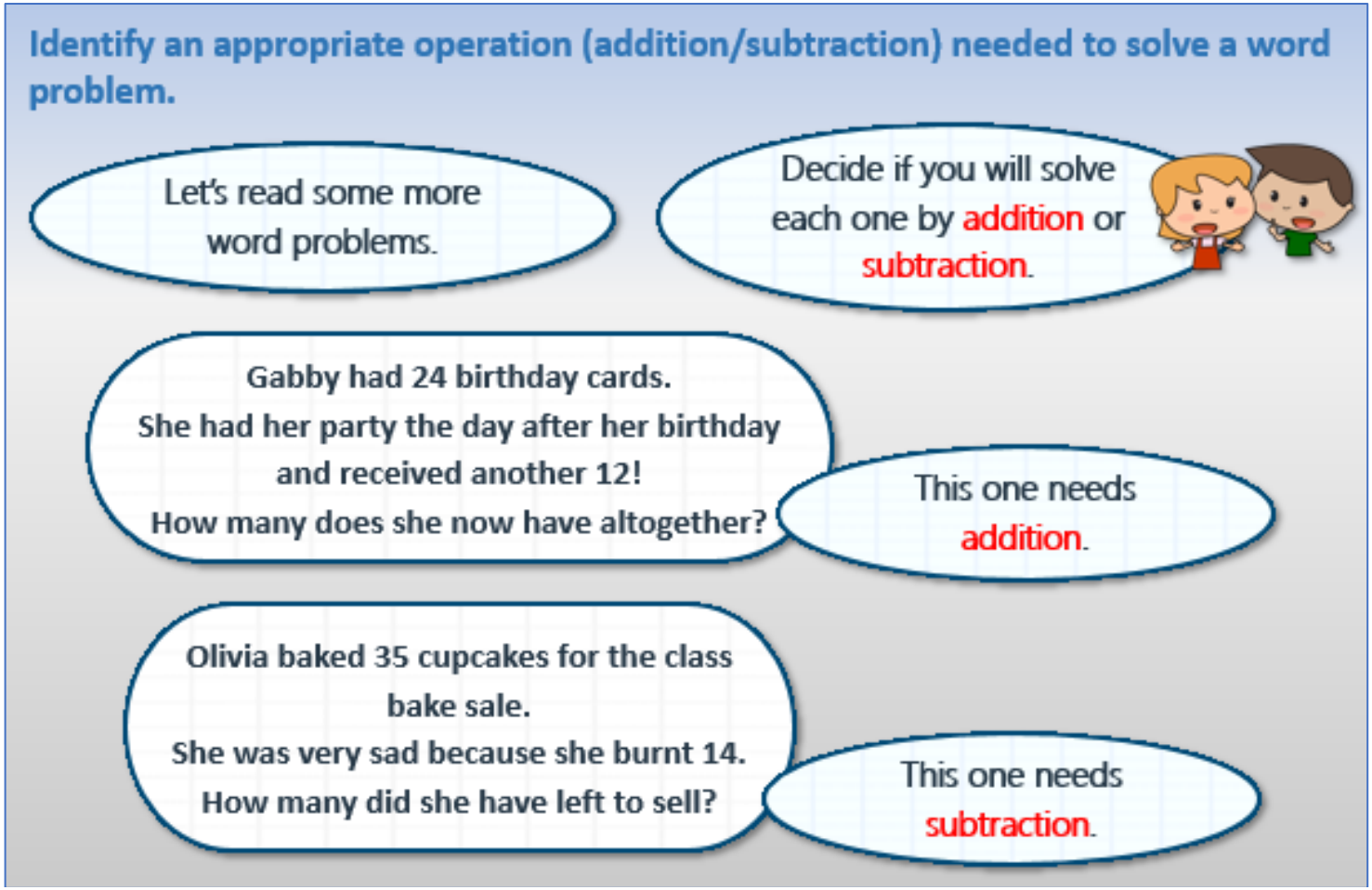
Learning Reminders



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Practice Sheet Mild

Addition and subtraction word problems

Decide which type of calculation would be best to solve each word problem, then find the answers.

1. Hayley normally has 48 pencils in her pencil pot, but 16 are missing. How many does she have left?

2. There are 24 socks on the line and another 12 in the washing machine. How many socks are there altogether?

3. Nancy has eaten 23 berries but there are still another 15 on her plate. How many berries did she have to start with?

4. Noah picked up 25 pebbles from the beach and put them in his pocket. 15 fell out on the way home. How many are still in his pocket?

5. Harry has 24 football cards and Georgia has 55. How many do they have altogether?

6. Polly has 17 grapes in her bowl and Jacob has 17 in his. How many are there altogether?

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Practice Sheet Mild

Addition and subtraction number problems

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
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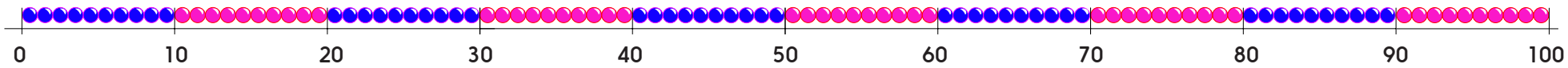
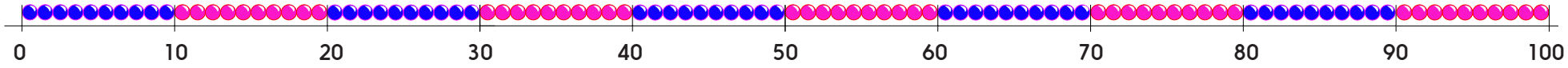
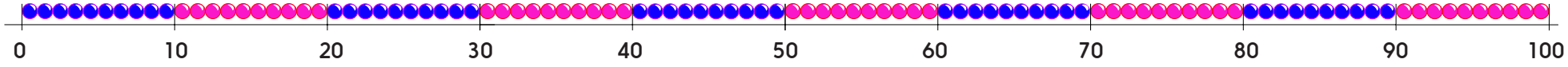
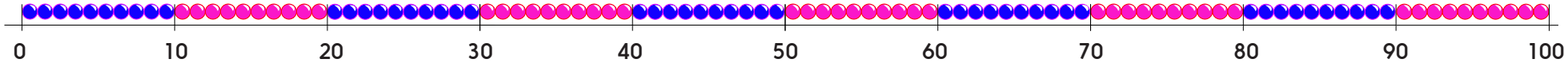
Practice Sheet Mild

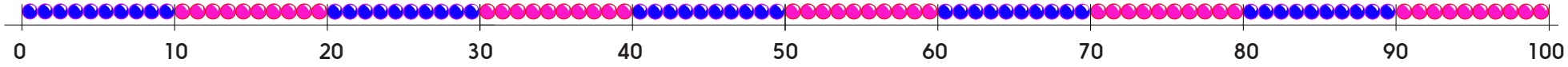
Addition and subtraction number problems











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Practice Sheet Hot

Addition and subtraction word problems

Decide if it is best to add or subtract to solve these problems. Write out a number sentence and then solve.

1. Hayley normally has 48 pencils in her pencil pot, but 16 are missing. How many does she have left?
2. There are 24 socks on the line and another 12 in the washing machine. How many socks are there altogether?
3. Nancy has eaten 23 berries but there are still another 15 on her plate. How many berries did she have to start with?
4. Noah picked up 25 pebbles from the beach and put them in his pocket. 15 fell out on the way home. How many are still in his pocket?
5. Harry has 24 football cards and Georgia has 55. How many do they have altogether?
6. Polly has 17 grapes in her bowl and Jacob has 17 in his. How many are there altogether?
7. There are 35 biscuits in one packet and 44 in another. How many are there altogether?
8. Aimee used 56 Lego™ bricks to build her tower, while Angus used 33. How many bricks did they use between them?
9. George ate 14 blueberries from the fruit bowl. There were 48 to start with. How many are there now?
10. Khalid collected 72 stickers but gave 21 of them away. How many does he have in his collection now?

Challenge

Can you write a word problem that requires addition **and** subtraction?

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Practice Sheet Hot

Addition and subtraction number problems

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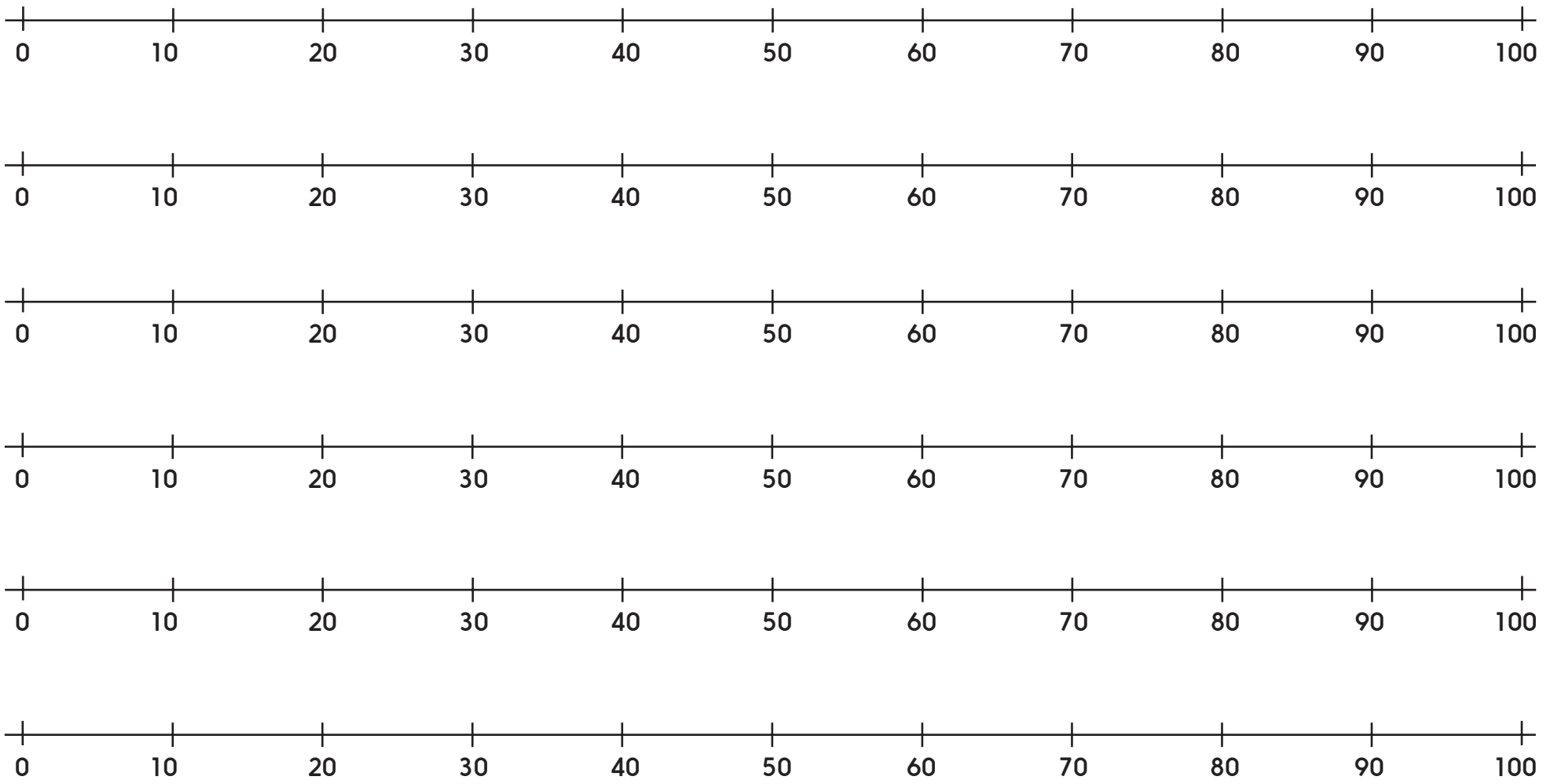
Practice Sheet Hot

Addition and subtraction word problems



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Practice Sheets Answers

Addition and subtraction word problems (mild)

1. Hayley has 32 pencils left.
2. There are 36 socks altogether.
3. Nancy had 38 berries to start with.
4. Noah still has 10 pebbles in his pocket.
5. They have 79 cards altogether.
6. There are 34 grapes altogether.

Addition and subtraction word problems (hot)

1. Hayley has 32 pencils left.
2. There are 36 socks altogether.
3. Nancy had 38 berries to start with.
4. Noah still has 10 pebbles in his pocket.
5. They have 79 cards altogether.
6. There are 34 grapes altogether.
7. There are 79 biscuits altogether.
8. Aimee and Angus used 89 bricks between them.
9. There are 34 berries left in the bowl.
10. Khalid has 51 stickers left in his collection.

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A Bit Stuck?
Sort the problems

You will need:

- Number stories

What to do:

- Read the number stories one at a time. Try to imagine the story.
- Sort them into 2 piles: a pile that need addition to solve them and a pile that need subtraction to solve them.
- You should have three in each pile!
- Choose at least one from each pile to solve.

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A Bit Stuck?

Sort the problems

There were 24 birds in the front garden. 10 flew away. How many were left?	There were 16 cups on the staff room shelf and another 4 in the dishwasher. How many cups were there altogether?
Bethany had read 12 pages but there were still another 12 to go. How long was her book?	The tree had 28 conkers but 13 of them had fallen off . How many were left on the tree?
James caught 20 fish in the river but he let 6 of them go. How many did he have left in his bucket?	Ryan had 16 Smarties in his tube and Jessica had 16 in hers. How many were there altogether?

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Check your understanding

Questions

Read each number story. Write + or – by each one according to whether you think you need to add or subtract to solve it.

Paul had 34 Moshi Monsters but he lost 22 of them under his bed. How many does he have now?	Florence collected 63 ladybirds in the field but 22 of them had flown away by the time she had got back to her car. How many were in her bag now?
Susi collected 22 daisies at lunch play and her friend Rosie collected 34. How many did they collect altogether?	Luke had 46 pieces of Lego but his baby sister came along and pinched 25 bits. How many did poor Luke have left now?
Steve ate 12 biscuits from the biscuit barrel and there were 45 to start with. How many are left now?	Belle had 19 books in her bookcase and her sister had 23. How many did they have altogether?

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Check your understanding

Answers

Read each number story. Write + or – by each one according to whether you think you need to add or subtract to solve it.

Paul had 34 Moshi Monsters but he lost 22 of them under his bed. How many does he have now? - subtraction	Florence collected 63 ladybirds in the field but 22 of them had flown away by the time she had got back to her car. How many were in her bag now? - subtraction
Susi collected 22 daisies at lunch play and her friend Rosie collected 34. How many did they collect altogether? + addition	Luke had 46 pieces of Lego but his baby sister came along and pinched 25 bits. How many did poor Luke have left now? - subtraction
Steve ate 12 biscuits from the biscuit barrel and there were 45 to start with. How many are left now? - subtraction	Belle had 19 books in her bookcase and her sister had 23. How many did they have altogether? + addition

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