Name & Surname: _____ Class: _____ Date: _____

Subtract Within 100

Split tens and ones to subtract fast

About 30 minutes Level ★★★☆☆

Subtract Using Place Value

Make subtraction easier by working with **tens** and **ones**.

- Split both numbers into **tens** and **ones**.
- Subtract the **tens**, then subtract the ones.
- Add those answers to get the **difference**.
- Check with **addition**: difference + the number you took away = start number.



Key Words

difference: the answer after subtracting

tens: groups of ten

check: use addition to test subtraction

regroup: trade 1 ten for 10 ones

ones: single cubes

Task A

/2

Follow the steps to subtract using tens and ones.

WORKED EXAMPLE

Work out 46 - 23

1. Split 46 into 40 + 6 and 23 into 20 + 3
2. 40 - 20 = 20
3. 6 - 3 = 3
4. 20 + 3 = 23

Answer: 23

YOUR TURN

Work out 58 - 34

Answer: _____

WORKED EXAMPLE

Work out 62 - 28

1. Split 62 into 50 + 12 by regrouping 1 ten
2. 28 is 20 + 8
3. 50 - 20 = 30
4. 12 - 8 = 4
5. 30 + 4 = 34

Answer: 34

YOUR TURN

Work out 45 - 27

Answer: _____

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Practice Subtracting Tens

Practice subtracting without and with regrouping.

Task B

/10

Practice subtracting with tens and ones.

WARM UP

1. Find the **difference**: 45 - 12

Answer: _____

2. Find the **difference**: 68 - 30

Answer: _____

3. Work out 57 - 20 by subtracting the **tens**

Answer: _____

4. Work out 36 - 14 using **ones** and tens

Answer: _____

PRACTICE

5. Work out 54 - 27. Show the regrouped **tens**

Answer: _____

6. Work out 71 - 36 and find the **difference**

Answer: _____

7. Work out 80 - 45 by regrouping one **ten**

Answer: _____

PROBLEM SOLVING

8. There are 52 stickers in a box. A student uses 25 **stickers**. How many are **left**?

Answer: _____

9. The shopkeeper has 64 **cents**. A pencil costs 38 cents. How much money is **left**?

Answer: _____

10. Explain how you know 48 - 19 = 29 using **addition**

Answer: _____

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Check With Addition

Use addition and place value to solve harder problems.

Task C

/10

Use addition to check your subtraction.

WARM UP

1. Start at 56 and subtract 10. What is the **difference**? 56 - 10

Answer: _____

2. Work out 84 - 40 by taking away the **tens**

Answer: _____

3. Work out 99 - 22 and find the **difference**

Answer: _____

PRACTICE

4. Find the missing **number**: 60 - ? = 24

Answer: _____

5. Find the missing **number**: ? - 15 = 30

Answer: _____

6. Use **addition** to find 33 + 25

Answer: _____

7. Work out 70 - 53. Then check with **addition**

Answer: _____

PROBLEM SOLVING

8. A book has 85 **pages**. A student reads 32 pages on Monday and 21 **pages** on Tuesday. How many pages are **left**?

Answer: _____

9. There are 47 red **crayons** and 29 blue crayons. How many more red **crayons** are there?

Answer: _____

10. A student says 52 - 34 = 18. Explain how **addition** shows this is **true**

Answer: _____

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Who Is Right?

Spot the mistakes in subtraction with regrouping.

Task D

/3

Decide who is right about subtraction. Think about regrouping.



Student A

How do you work out 73 - 28?

Split 73 into 60 + 13. 60 - 20 = 40, 13 - 8 = 5, so 40 + 5 = 45.



Student B

3 - 8 cannot be done, so do 8 - 3 = 5 and 7 - 2 = 5. The answer is 55.



Student C

73 - 20 = 53. Just subtract the **tens** and forget the ones. The answer is 53.



Student D

What do you think of each idea? Why?

Student B:

Student C:

Student D:

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Show Tens Ones

Use place value and bar models to show subtraction.

Task E

/4

Partition each number into tens and ones.

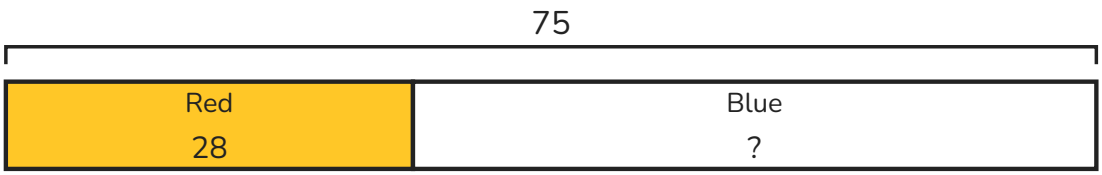
1. **54 =** _____
2. **37 =** _____
3. **68 =** _____
4. **92 =** _____

Task F

/4

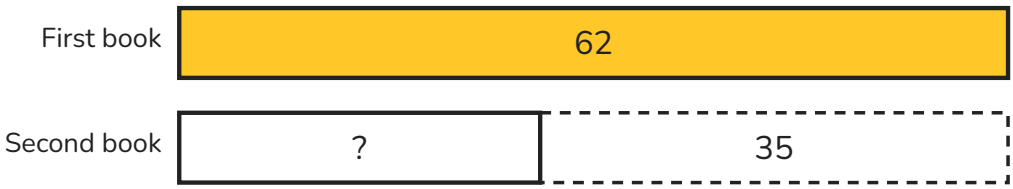
Solve each story. Use the bar to find the missing number.

1. There are 75 pencils in a box. 28 are red and the rest are blue. How many blue **pencils** are there?



Answer: _____ **pencils**

2. A first book has 62 **pages**. A second book has 35 fewer pages. How many pages are in the second **book**?



Answer: _____ **pages**

How did I do?

Circle a face for each line.

I can subtract two-digit numbers using tens and ones. ☹ 😐 ☺

I can use addition to check my subtraction. ☹ 😐 ☺

I can solve word problems within 100. ☹ 😐 ☺

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Answer sheet: Subtract within 100

Task A

1. 24
2. 18

Task B

1. 33
2. 38
3. 37
4. 22
5. 27
6. 35
7. 35
8. 27 stickers
9. 26 cents
10. 19 + 29 = 48, so 48 - 19 = 29.

Task C

1. 46
2. 44
3. 77
4. 36
5. 45
6. 58
7. 17
8. 32 pages
9. 18 crayons
10. 34 + 18 = 52, so it is true.

Task D

Student B: right

Student C: not right

Student D: not right

Student B is right. You must regroup 1 ten as 10 ones to work out 13 - 8, and subtract both tens and ones to get 45.

Task E

1. 54 = 50 + 4
2. 37 = 30 + 7
3. 68 = 60 + 8
4. 92 = 90 + 2

Task F

1. 47 pencils
2. 27 pages

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