

Space Word Problems



Draw a picture. Then solve the equation.

Name: _____

Date: _____



Section 1: Add To and Take From



Example: Mia had some stickers. She gave 14 to her brother and has 29 left. How many did she start with?

- 14 = 29, so $29 + 14 = 43$ stickers.

1 Leo had 36 moon rocks. He found 25 more. How many moon rocks does he have now?

Draw a picture

Equation: $36 + 25 =$

Answer: _____ moon rocks

2 A rocket had 82 stars on its wing. Some stars fell off. Now it has 57 stars. How many stars fell off?

Draw a picture

Equation: $82 -$ $= 57$

Answer: _____ stars

3 Zara had some space cards. Her friend gave her 18 more. Now she has 52 cards. How many cards did she start with?

Draw a picture

Equation: $+ 18 = 52$

Answer: _____ cards

2 An alien had 91 jelly bugs. He ate 47. How many jelly bugs are left?

Draw a picture

Equation: $91 - 47 =$

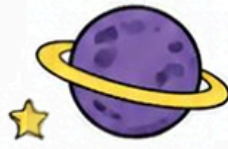
Answer: _____ jelly bugs





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Section 2: Put Together and Take Apart



Example: There are 20 red stars and 30 blue stars.

How many stars in all? $20 + 30 = \boxed{}$, so 50 stars.

1

There are 38 red stars and 45 yellow stars in the sky.
How many stars are there in all?

Draw a picture

Equation: $38 + 45 = \boxed{}$

Answer: $\underline{\hspace{1cm}}$ stars

2

A spaceship has 73 crew members. 29 are scientists and the rest are pilots.
How many are pilots?

Draw a picture

Equation: $29 + \boxed{} = 73$

Answer: $\underline{\hspace{1cm}} \underline{\hspace{1cm}}$ pilots

3

Ben counted 57 craters on the moon and 36 craters on Mars. How many craters did he count in all?

Draw a picture

Equation: $57 + 36 = \boxed{}$

Answer: $\underline{\hspace{1cm}}$ craters

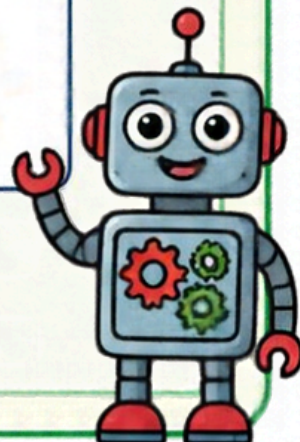
4

A robot has 90 gears. 54 are big and the rest are small. How many gears are small?

Draw a picture

Equation: $54 + \boxed{} = 90$

Answer: $\underline{\hspace{1cm}}$ small gears





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Section 3: Compare



Example: Pip has 40 stars. Dot has 15 stars.
How many more stars does Pip have than Dot?



$15 + \square = 40$, so 25 more stars.

- 1** Captain Sam has 76 star maps. Pilot Jo has 48 star maps. How many more star maps does Sam have than Jo?

Draw a picture

Equation: $48 + \square = 76$

Answer: _____ more star maps

- 2** Rex has 35 moon rocks. Tia has 19 more moon rocks than Rex. How many moon rocks does Tia have?

Draw a picture

Equation: $35 + 19 = \square$

Answer: _____ moon rocks

- 3** A big rocket has 92 windows. It has 37 more windows than a small rocket. How many windows does the small rocket have?

Draw a picture

Equation: $92 - 37 = \square$

Answer: _____ windows

- 4** Milo has 84 stickers. Ava has 26 fewer stickers than Milo. How many stickers does Ava have?

Draw a picture

Equation: $84 - 26 = \square$

Answer: _____ stickers





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Section 4: Two-Step Problems

Solve Step 1. Then use your answer to solve Step 2.



A ship had 30 aliens. 10 more got on, then 5 got off.
How many aliens are on the ship now?

Step 1: $30 + 10 = 40$ **Step 2:** $40 - 5 = 35$ aliens.



- 1** A spaceship had 45 astronauts.
20 more got on, then 12 got off.
How many astronauts are on
the ship now?

Draw a picture

Step 1: $45 + 20 =$

Step 2: $- 12 =$

Answer: _____ astronauts

- 2** Kai had 60 star stickers.
He used 18 on a poster and
25 on a card. How many star
stickers does he have left?

Draw a picture

Step 1: $18 + 25 =$

Step 2: $60 -$ $=$

Answer: _____ star stickers

- 3** Tara has 34 moon rocks.
Her brother has 29 moon rocks.
Together they gave 40 away.
How many moon rocks do they
have left?

Draw a picture

Step 1: $44 + 29 =$

Step 2: $- 40 =$

Answer: _____ moon rocks

- 4** A store had 72 toy rockets.
It sold 28 in the morning and
got 15 more in the afternoon.
How many toy rockets are
there now?

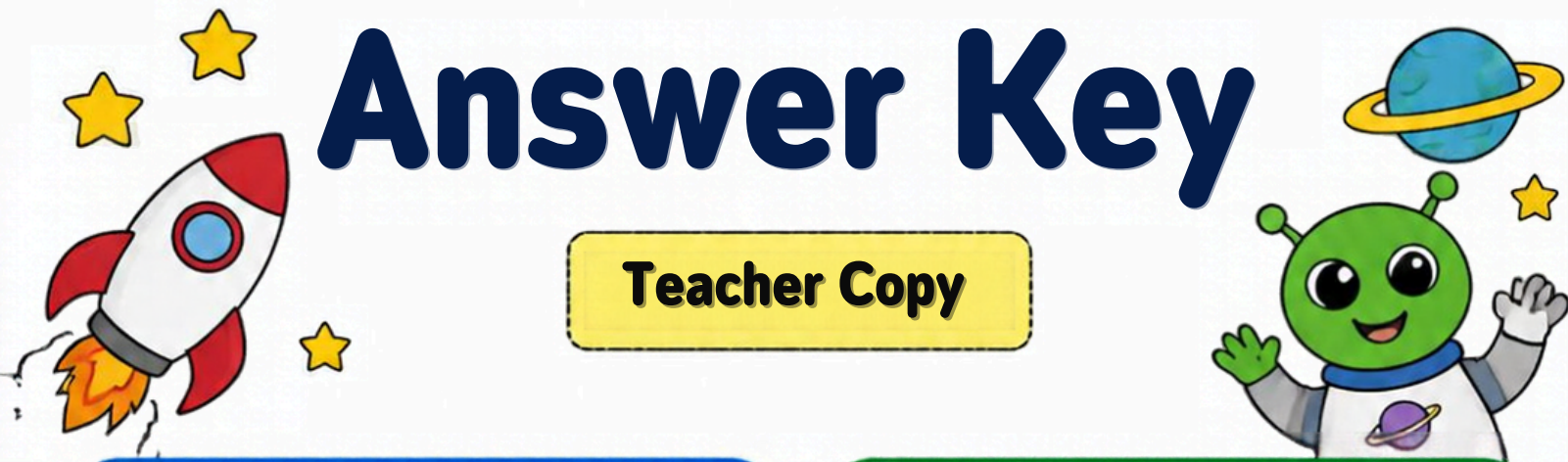
Draw a picture

Step 1: $72 - 28 =$

Step 2: $+ 15 =$

Answer: _____ toy rockets





Answer Key

Teacher Copy

Section 1

Add To and Take From:

1. 61 moon rocks
2. 25 stars
3. 34 cards
4. 44 jelly bugs

Section 2

Put Together and Take Apart:

1. 83 stars
2. 44 pilots
3. 93 craters
4. 36 small gears

Section 3

Compare:

1. 28 more star maps
2. 54 moon rocks
3. 55 windows
4. 58 stickers

Section 4

Two-Step Problems:

1. Step 1: 65, Step 2: 53 astronauts
2. Step 1: 43, Step 2: 17 star stickers
3. Step 1: 63, Step 2: 23 moon rocks
4. Step 1: 44, Step 2: 59 toy rockets