



The Great Sky Show

Review: even and odd, prime, ordinal, counting and whole numbers, number names · Ages 5 to 9 · Goes with Whirly's Number Rescue, Episode 6: The Great Sky Show

Whirr, whirr! Welcome to the Great Sky Show, sky friend! Every act shows something we learned. Pick your rider, then finish all 7 acts to earn your Sky Show Star!

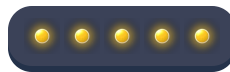
Whirly's flight card

Even and odd



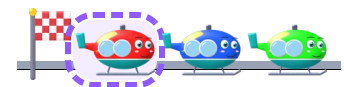
Even numbers make pairs, with nothing left over. Odd numbers always have one left over.

Prime



A prime number makes only one row. It has exactly two factors.

Ordinal



Ordinal numbers tell the place. Always start at the flag.

Counting and whole



Counting numbers start at one. Whole numbers start at zero.

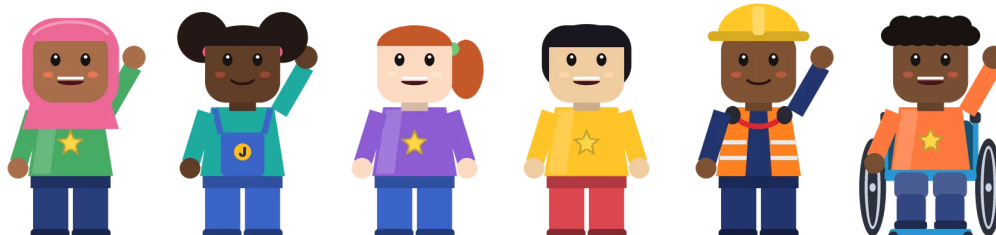
Number names

sixty-four

A number name is a number written in words.

Our chant: Lights on! The Great Sky Show! Even, odd, and prime we know! Places, counting, names in a row! Wave your wings, and off we go!

For grown-ups: Watch the video together first. Then work through the 7 acts, one or two a day. Read the instructions aloud if your child is still learning to read. Every act has an answer on the last page, with a short reason you can share. Cut out the question cards for the board game.



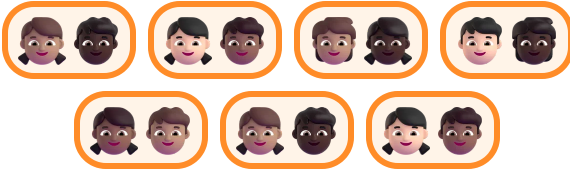


Even, Odd or Prime?

Look at each number and its picture. Tick the box where it belongs.

1

14



☐ Even ☐ Odd and prime ☐ Odd, not prime

2

23



☐ Even ☐ Odd and prime ☐ Odd, not prime

3

27



☐ Even ☐ Odd and prime ☐ Odd, not prime

4

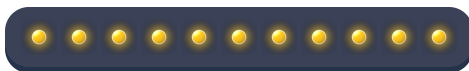
2



☐ Even ☐ Odd and prime ☐ Odd, not prime

5

11



☐ Even ☐ Odd and prime ☐ Odd, not prime

6

45



☐ Even ☐ Odd and prime ☐ Odd, not prime

7

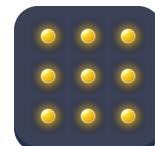
30



☐ Even ☐ Odd and prime ☐ Odd, not prime

8

9



☐ Even ☐ Odd and prime ☐ Odd, not prime



Check Buzz's Study Notes

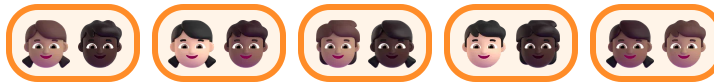
Check each of Buzz's notes with the rule you learned. Tick Right or Mistake. Then fix the mistake.



"Bzzz! I studied hard for the Great Sky Show. Can you check my notes, please?"

1

Even: 10 riders make 5 pairs, with nothing left over. 10 is even.



- ☐ Right
☐ Mistake

2

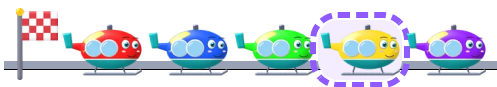
Prime: 27 is odd, so 27 is prime.



- ☐ Right
☐ Mistake

3

Ordinal: start at the flag. The yellow helicopter is 4th.



- ☐ Right
☐ Mistake

4

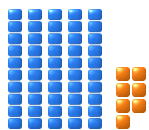
Whole: whole numbers start at 0.



- ☐ Right
☐ Mistake

5

Number name: 57 is fifty-seven.



- ☐ Right
☐ Mistake

How do we fix it? Tick the fix.

- ☐ 27 makes 3 rows of 9. It is one of the Sneaky Six, so it is not prime.
☐ 27 is odd, so it has to be prime.
☐ 27 has a 2 in it, so it is even.



Show Pairs

Read each show card. Draw a line to its answer.



★ Show cards



The only even prime



Start at the flag. Which place is green?



The first whole number

forty-six

Write it as a number



7 riders. Even or odd?

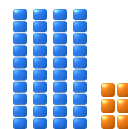


The first counting number

✓ Answers

0

46



odd

!

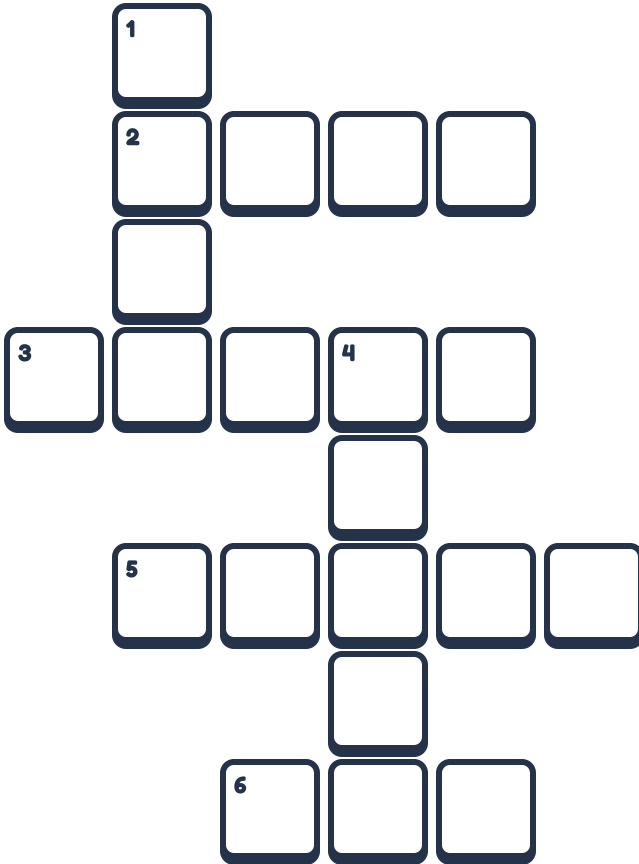
2
..

4th



Grand Show Crossword

Read each clue and look at its picture. Write one letter in each box.



1 down · 4 letters

Whole numbers start at ____.

2 across · 4 letters

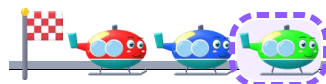


Six riders make 3 pairs, with nothing left over. Six is ____.



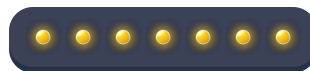
3 across · 5 letters

Four tens make _____. No U!



4 down · 5 letters

Start at the flag: first, second, ____.



5 across · 5 letters

Seven lights make only one row. Seven is ____.



6 across · 3 letters

Five riders, and one has no buddy. Five is ____.

Word bank: EVEN · FORTY · ODD · PRIME · THIRD · ZERO

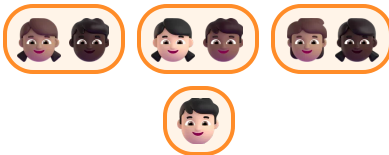
5

Spotlight Hunt

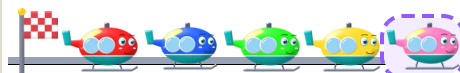
Answer each clue and write the word in the boxes. Then find the word in the grid and color it in. Words go across → or down ↓ only.



Z	D	V	D	D	J	C	M
D	S	M	C	K	F	O	G
P	I	K	L	B	I	U	C
H	X	K	W	W	F	N	Q
Z	T	J	F	C	T	T	C
P	Y	P	F	B	H	I	H
B	V	X	C	Q	C	N	Q
C	Q	W	O	D	D	G	D



Seven riders,
and one has
no buddy.
Seven is even
or odd?



Start at the
flag. Which
place is pink?



The numbers we use to
count, starting at 1, are
called what numbers?



Six tens and zero ones. What is the
number name?

Need help? Here are the words, upside down: odd · fifth · counting · sixty



Buzz Answers!

Decide if each one is right. Tick the reason. Then show how sure you are.
Sky friends always explain why!



"Fifteen is composite. It makes 3 rows of 5!"



Step 1. Is Buzz right? ☐ Yes ☐ No

Step 2. Why? Tick one.

- ☐ 15 can make more than one row, so it is not prime. It is composite.
- ☐ 15 has a 5 in it, so it is prime.
- ☐ Every odd number is composite.

Step 3. How sure are you? 😞 ☐ 😊 ☐ 😄 ☐



Kai says: "One is a prime number."



Step 1. Is Kai right? ☐ Yes ☐ No

Step 2. Why? Tick one.

- ☐ One has only one factor, so it is not prime.
- ☐ One is the first counting number, so it is prime.
- ☐ One is an even number.

Step 3. How sure are you? 😞 ☐ 😊 ☐ 😄 ☐



"Seventy-four is even. Its landing digit is 4!"



Step 1. Is Buzz right? ☐ Yes ☐ No

Step 2. Why? Tick one.

- ☐ It starts with 7, so it is odd.
- ☐ The landing digit 4 is even, so 74 is even.
- ☐ Seventy-four is a big number.

Step 3. How sure are you? 😞 ☐ 😊 ☐ 😄 ☐



The Great Sky Show

A game for 2 to 4 players. You need a die (or number cards 1 to 6), the question cards, and a coin or button for each player.



20 helipad	19 storm: down to 12	18	17	16
11 zoom up to 17	12	13	14	15 storm: down to 8
10	9	8	7 zoom up to 13	6
1 start	2	3 zoom up to 9	4	5

How to play: Before every roll, another player reads you a question card. Answer right, then roll and fly. Answer wrong? Talk about the answer and try again next turn. Land on a rainbow: zoom up. Land on a storm cloud: answer one more card right to fly over it, or slide down. First to the helipad wins!



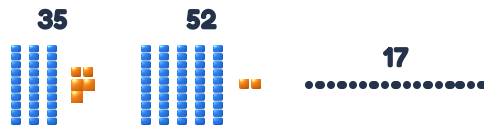
Question Cards

Cut out the cards and put them face down in a pile. The answer is printed upside down at the bottom.



★ Question 1

Which number is even?



Answer: 52

★ Question 2

Nine riders make pairs. Is anyone left over?



Answer: Yes

★ Question 3

Which number is prime?



Answer: 13

★ Question 4

Is 2 a prime number?



Answer: Yes

★ Question 5

How do we write second the short way?



Answer: 2nd

★ Question 6

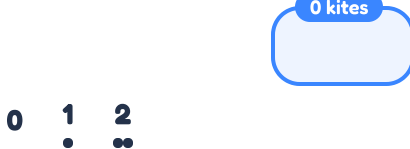
The flag is on the right. Which place is blue?



Answer: 2nd

★ Question 7

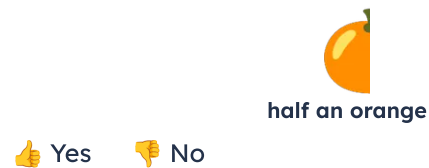
How many kites are in the box?



Answer: 0

★ Question 8

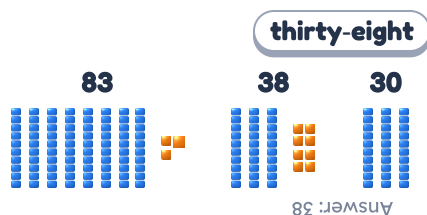
Is half an orange a whole number?



Answer: No

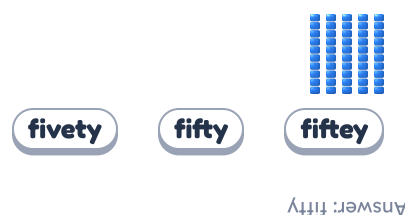
★ Question 9

Which number is this?



★ Question 10

Which word is spelled right?





Sky Show Star Earned!



earned the **Sky Show Star**, and Buzz joined the Rescue Crew!

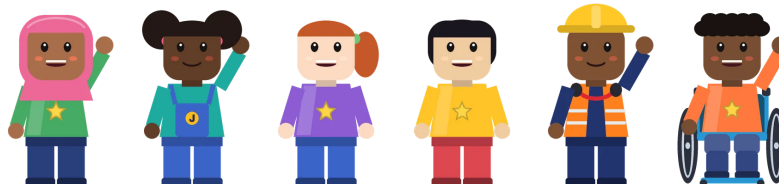
Even numbers make pairs. Odd numbers have one left over. Prime numbers make only one row. Ordinal numbers tell the place. Counting numbers start at 1, and whole numbers start at 0. Number names are numbers written in words!

Our chant: Lights on! The Great Sky Show! Even, odd, and prime we know! Places, counting, names in a row! Wave your wings, and off we go!

How does this math feel now? Color one.

☐ I need more practice ☐ I am getting there ☐ I can teach it!

Date _____ Signed _____



Answer Key

1. Even, Odd or Prime?

- 14: Even. Fourteen riders make 7 pairs, with nothing left over. 14 is even.
- 23: Odd and prime. 23 lands on 3, so it is odd. It is not one of the Sneaky Six. It passes every check, so 23 is prime!
- 27: Odd, not prime. 27 makes 3 rows of 9. It is one of Buzz's Sneaky Six: odd, but not prime.
- 2: Even. 2 is even. It is also the smallest prime, and the only even prime!
- 11: Odd and prime. Eleven lights make only one row. 11 is prime.
- 45: Odd, not prime. 45 lands on 5, so it is odd. It is not 5 itself, so it is not prime. It is composite.
- 30: Even. 30 lands on 0, and 0 is even. 30 is even.
- 9: Odd, not prime. Nine makes 3 rows of 3. It is odd, but not prime.

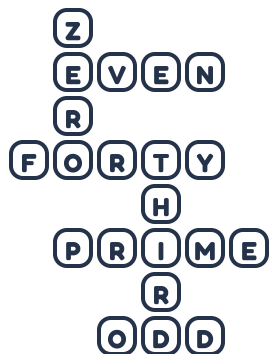
2. Check Buzz's Study Notes

Line 2 is the mistake. Fix: 27 makes 3 rows of 9. It is one of the Sneaky Six, so it is not prime. Odd does not always mean prime. 27 makes 3 rows of 9, so 27 is composite. Every other line is right.

3. Show Pairs

Two is the smallest prime, and the only even prime.
First, second, third, fourth. Green is 4th.
Whole numbers start at 0.
Four tens and six ones: 46.
Three pairs and one left over: 7 is odd.
Counting numbers start at 1.

4. Grand Show Crossword



1 down: zero, 2 across: even, 3 across: forty, 4 down: third, 5 across: prime, 6 across: odd

5. Spotlight Hunt

odd, fifth, counting, sixty



6. Buzz Answers!

- Yes. 15 can make more than one row, so it is not prime. It is composite.
- No. One has only one factor, so it is not prime.
- Yes. The landing digit 4 is even, so 74 is even.

7. The Great Sky Show question cards

52. Fifty-two lands on 2, and 2 is even.
- Yes. Four pairs and one left over. Nine is odd.
13. 13 lights make only one row. 21 and 25 make more than one row.
- Yes. Two is the smallest prime, and the only even prime.
- 2nd. Second ends in n, d. So we write 2nd.
- 2nd. Start at the flag on the right: first, second. Blue is 2nd.
0. The box is empty. That is 0 kites. Zero is a whole number.
- No. Half an orange is a piece. Whole numbers have no pieces or halves.
38. Thirty means 3 tens. Eight means 8 ones: 38.
- fifty. Five changes to fif: fifty.

Step 3 (how sure?) has no right answer. A child who is right but "not sure" needs one more practice round. A child who is wrong but "very sure" has a mix-up worth talking about.

Show tricks: only the landing digit decides even or odd. Watch for Buzz's Sneaky Six: 9, 21, 27, 33, 39 and 49 are odd, but not prime. Always start at the flag. Zero is whole, but not counting. Forty has no U.