



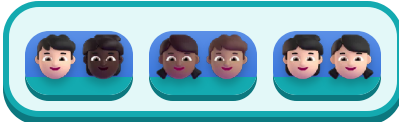
Buddy Seats

Even and odd numbers · Ages 5 to 9 · Goes with Whirly's Number Rescue, Episode 1: Buddy Seats

Whirr, whirr! Hello, sky friend! I am Whirly, the helicopter. Pick your rider, then finish all 7 flights to earn your Even and Odd Rescue Wings!

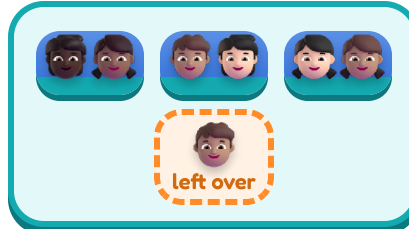
Whirly's flight card

Even



An even number is a number that can be divided into groups of 2 equally, with nothing left over.

Odd



An odd number cannot be divided into groups of 2 equally. There is always 1 left over.

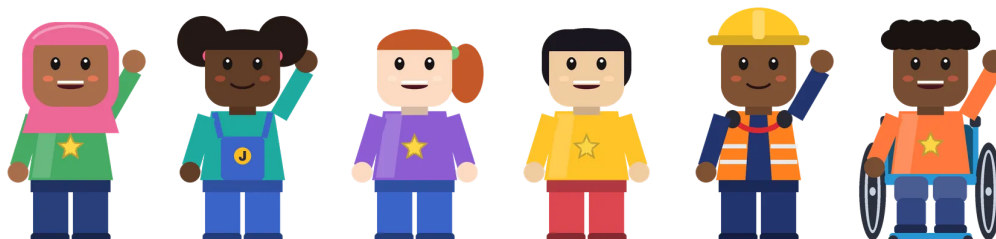
Landing digit



The landing digit is the last digit, on the right. Even numbers end in 0, 2, 4, 6 or 8. Odd numbers end in 1, 3, 5, 7 or 9.

Our chant: Zero, two, four, six, eight! Even numbers pair up great! One, three, five, seven, nine! Odd has one left in line!

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





Buddy Seats

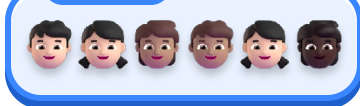
Make pairs: circle two riders at a time. Is anyone left over? For big numbers, look at the landing digit. Tick a box.



1

Make pairs. Is anyone left over?

6 riders



☐ Even ☐ Odd

2

Make pairs. Is anyone left over?

11 riders



☐ Even ☐ Odd

3

Look at the landing digit. Even or odd?



☐ Even ☐ Odd

4

Make pairs. Is anyone left over?

7 riders



☐ Even ☐ Odd

5

Look at the landing digit. Even or odd?



☐ Even ☐ Odd

6

Make pairs. Is anyone left over?

14 riders



☐ Even ☐ Odd

7

Look at the landing digit. Even or odd?



☐ Even ☐ Odd

8

Look at the landing digit. Even or odd?



☐ Even ☐ Odd



Mix-Up Rescue

Fill each gap. Then find the one ticket Buzz got wrong, circle it, and fix it.



- 1 Even numbers go up by 2. Which number fills the gap? Write it in the box.

32 > 34 > > 38

- 2 Odd numbers go up by 2. Which number fills the gap? Write it in the box.

51 > 53 > > 57

- 3 Pick a landing digit to make an even number. Write it in the box.

7

- 4  Buzz says: "Bzzz! I labeled every tour ticket in one second. All done!"
One label is wrong. Circle the ticket Buzz got wrong. Write the right label under it.

64
Even

29
Odd

52
Odd

81
Odd

70
Even

96
Even

Why was Buzz wrong? Write the reason.



Pair Up Match

Make pairs in each group. Draw a line to the card that tells how many pairs, and if anyone is left over.



Riders

5 riders



8 riders



9 riders



6 riders



13 riders



10 riders



Pairs



4 pairs, 1 left over



3 pairs, nothing left over



6 pairs, 1 left over



5 pairs, nothing left over



2 pairs, 1 left over

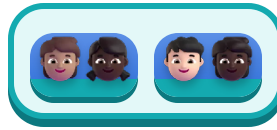
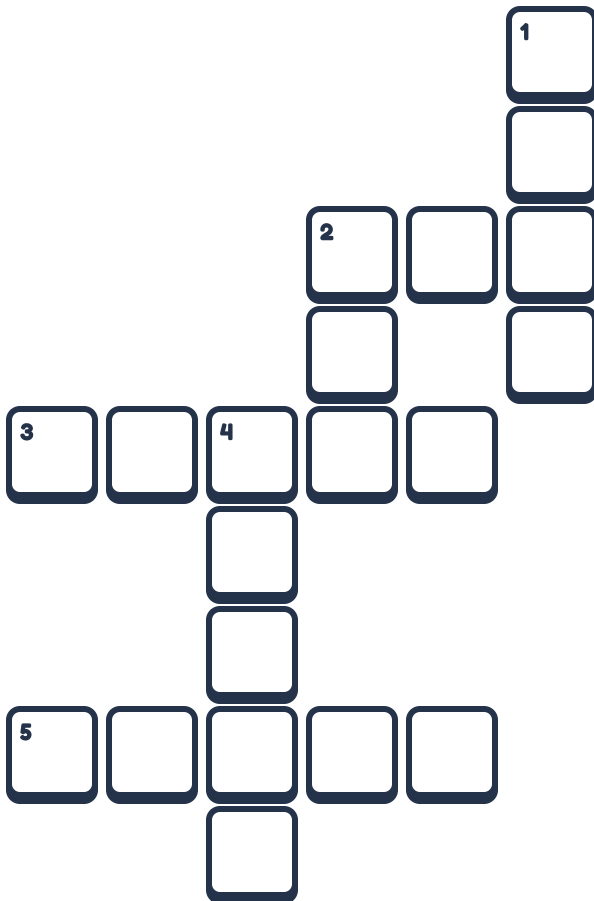


4 pairs, nothing left over



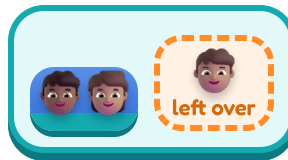
Sky Words Crossword

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



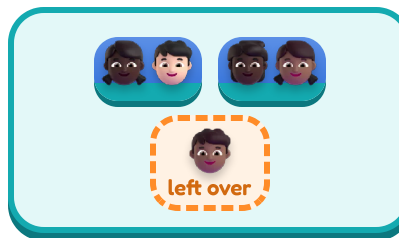
1 down · 4 letters

4 riders make 2 pairs, with nothing left over. 4 is ____.



2 across · 3 letters

An odd number always has ____ left over.



2 down · 3 letters

5 riders make 2 pairs, and 1 is left over. 5 is ____.



3 across · 5 letters

Whirly's seats come in twos. She calls them ____ seats.



4 down · 5 letters

The landing ____ is the last digit, on the right.



5 across · 5 letters

Riders sit two by two. They make ____.

Word bank: BUDDY · DIGIT · EVEN · ODD · ONE · PAIRS

5

Landing Digit 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.



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

94

What is the landing digit of 94?

— — — —

209

What is the landing digit of 209?

— — — —

316

What is the landing digit of 316?

— — —

80

What is the landing digit of 80?

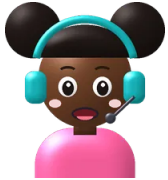
— — — —

Stuck? Here are the words, upside down: four · nine · six · zero 🔦



Think Like a Co-Pilot

Answer each question. Then explain why. Co-pilots always explain!



"17 riders are coming on the next tour. Will every rider get a buddy?"

17 riders



Step 1. Will every rider get a buddy?

☐ Yes, every rider gets a buddy ☐ No, 1 rider is left over

Step 2. Why?

Step 3. How sure are you? 😞 ☐ 😊 ☐ 😄 ☐



"My seat number is between 60 and 70. It is odd, and it lands on 3. What is my seat number?"



Step 1. Which is Mateo's seat number?

☐ 63 ☐ 66 ☐ 73

Step 2. Why?

Step 3. How sure are you? 😞 ☐ 😊 ☐ 😄 ☐



"Seat 14 is even. Odd and even take turns. Is seat 15 even or odd?"



Step 1. Is seat 15 even or odd?

☐ Seat 15 is even ☐ Seat 15 is odd

Step 2. Why?

Step 3. How sure are you? 😞 ☐ 😊 ☐ 😄 ☐



Sky Tour Race

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



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

How to play: Roll and move. Land on 🌈, 🛸 or ★? Another player reads you a question card.
 🌈 Answer right to zoom up. 🛸 Answer right to fly past Buzz, or slide down. ★ Answer right to roll again. First to the 🏆 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 odd?



Answer: 75

★ Question 2

Is 19 even or odd?



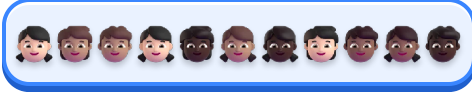
👉 Even

👉 Odd

Answer: Odd

★ Question 3

Make pairs. How many riders are left over?



Answer: 1

★ Question 4

What is the landing digit of 562?



Answer: 2

★ Question 5

Which number is even?



Answer: 58

★ Question 6

Even numbers end in which digits?

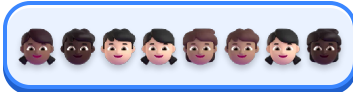
👉 0, 2, 4, 6 or 8

👉 1, 3, 5, 7 or 9

Answer: 0, 2, 4, 6 or 8

★ Question 7

8 riders sit in buddy seats. How many pairs do they make?



Answer: 4

★ Question 8

Is 100 even or odd?



👉 Even

👉 Odd

Answer: Even

★ Question 9

Odd numbers go up by 2. What comes next? 61, 63, 65.



Answer: 67

★ Question 10

An odd number always has how many left over?



Answer: 1



Rescue Wings Earned!



earned the **Even and Odd Rescue Wings**

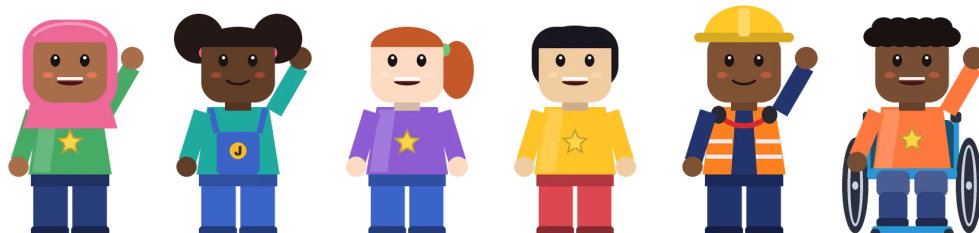
Even numbers make groups of 2, with nothing left over. Odd numbers always have 1 left over. The landing digit, the last digit on the right, tells us which.

Our chant: Zero, two, four, six, eight! Even numbers pair up great!
One, three, five, seven, nine! Odd has one left in line!

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. Buddy Seats

- Even: 6 riders make 3 pairs, with nothing left over. 6 is even!
- Odd: 11 riders make 5 pairs, and 1 rider is left over. 11 is odd!
- Even: 64 lands on 4, and 4 is even. 64 is even!
- Odd: 7 riders make 3 pairs, and 1 rider is left over. 7 is odd!
- Odd: 81 lands on 1, and 1 is odd. 81 is odd!
- Even: 14 riders make 7 pairs, with nothing left over. 14 is even!
- Even: 130 lands on 0, and 0 is even. 130 is even!
- Odd: 253 lands on 3, and 3 is odd. 253 is odd!

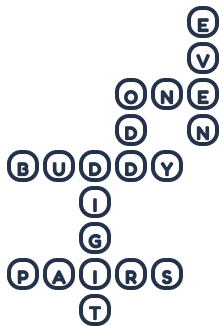
2. Mix-Up Rescue

36. 32, 34, 36, 38. 36 lands on 6, so it is even.
55. 51, 53, 55, 57. 55 lands on 5, so it is odd.
8. 7 and 8 make 78. It lands on 8, and 8 is even.
- Buzz's mistake: 52 should say Even. 52 lands on 2, and 2 is even.

3. Pair Up Match

- 5 riders make 2 pairs, and 1 is left over. 5 is odd
 8 riders make 4 pairs, with nothing left over. 8 is even
 9 riders make 4 pairs, and 1 is left over. 9 is odd
 6 riders make 3 pairs, with nothing left over. 6 is even
 13 riders make 6 pairs, and 1 is left over. 13 is odd
 10 riders make 5 pairs, with nothing left over. 10 is even

4. Sky Words Crossword



1 down: even, 2 across: one, 2 down: odd, 3 across: buddy, 4 down: digit, 5 across: pairs

5. Landing Digit Hunt

four, nine, six, zero

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

6. Think Like a Co-Pilot

- No, 1 rider is left over. 17 lands on 7, and 7 is odd.
63. 63 is between 60 and 70, and it lands on 3.
- Seat 15 is odd. Odd and even take turns, so the number after an even number is odd.

7. Sky Tour Race question cards

75. 75 lands on 5, and 5 is odd.
- Odd. 19 lands on 9, and 9 is odd.
1. 11 riders make 5 pairs, and 1 is left over.
2. The landing digit is the last digit, on the right. It is 2.
58. 58 lands on 8, and 8 is even.
- 0, 2, 4, 6 or 8. Even numbers end in 0, 2, 4, 6 or 8.
4. 2, 4, 6, 8. That is 4 pairs.
- Even. 100 lands on 0, and 0 is even.
67. 61, 63, 65, 67. Odd numbers go up by 2.
1. An odd number always has 1 left over.

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.

Check the landing digit! Only the last digit, on the right, decides. Even numbers end in 0, 2, 4, 6 or 8. Odd numbers end in 1, 3, 5, 7 or 9.