

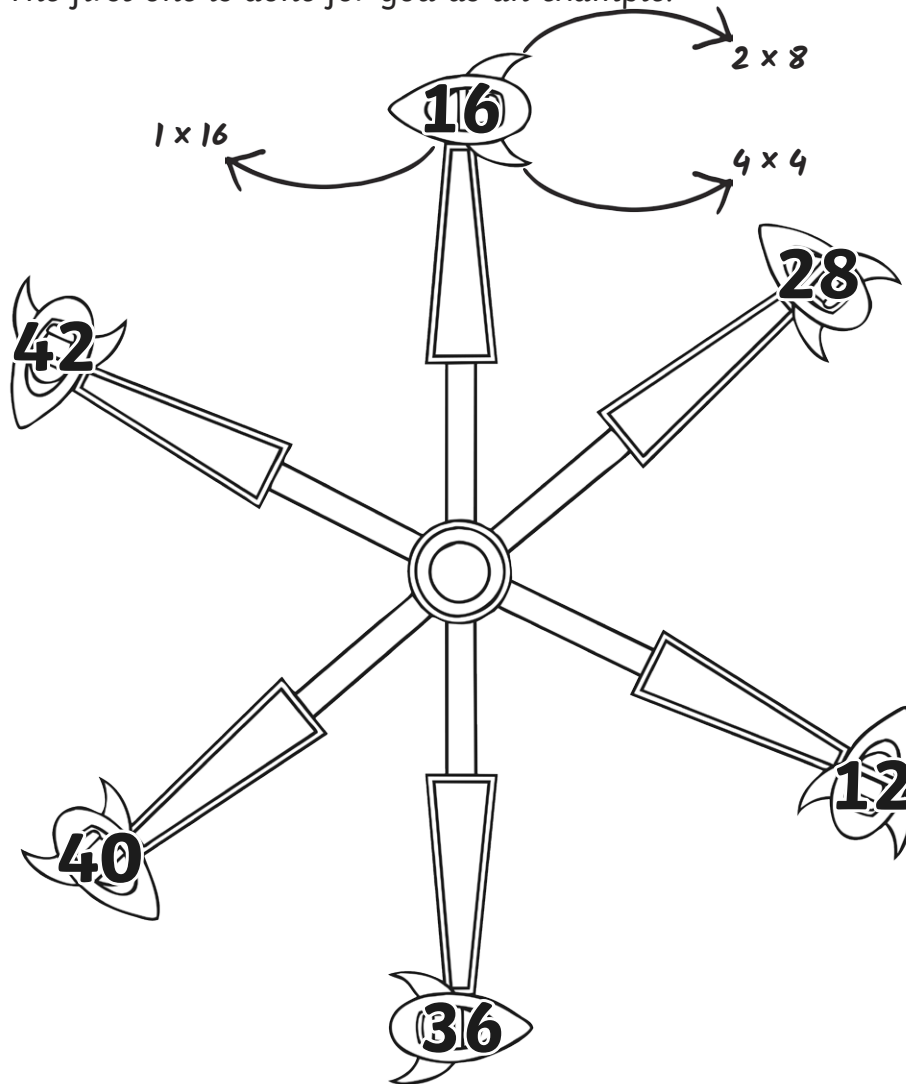


Factor Funfair

I can find factor pairs and common factors.

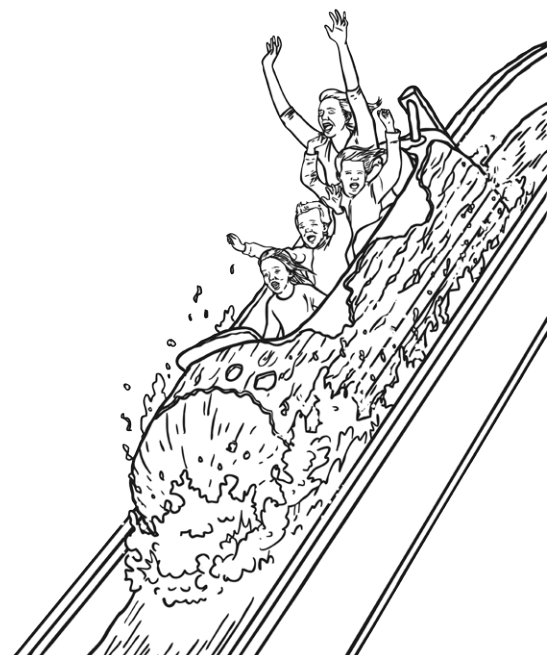


- 1) Find all the factor pairs for the numbers on the rocket wheel and write them around the cabins. The first one is done for you as an example.



- 2) Use your rocket wheel to find the common factors of:

- a) 16 and 28: _____
- b) 36 and 40: _____
- c) 12 and 42: _____
- d) 28 and 42: _____
- e) 36 and 12: _____





Factor Funfair Answers

Question	Answer
1.	Find all the factor pairs for the numbers on the rocket wheel and write them around the cabins.
	28: $1 \times 28, 2 \times 14, 4 \times 7$
	12: $1 \times 12, 2 \times 6, 3 \times 4$
	36: $1 \times 36, 2 \times 18, 3 \times 12, 4 \times 9, 6 \times 6$
	40: $1 \times 40, 2 \times 20, 4 \times 10, 5 \times 8$
	42: $1 \times 42, 2 \times 21, 3 \times 14, 6 \times 7$
2.	Use your rocket wheel to find the common factors of:
a	16 and 28: $1, 2, 4$
b	36 and 40: $1, 2, 4$
c	12 and 42: $1, 2, 3, 6$
d	28 and 42: $1, 2, 7, 14$
e	36 and 12: $1, 2, 3, 4, 6, 12$

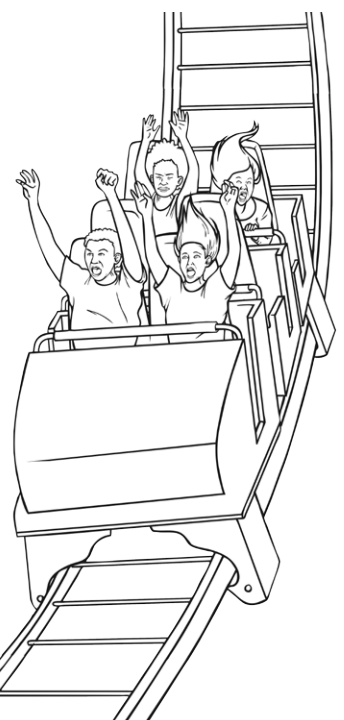
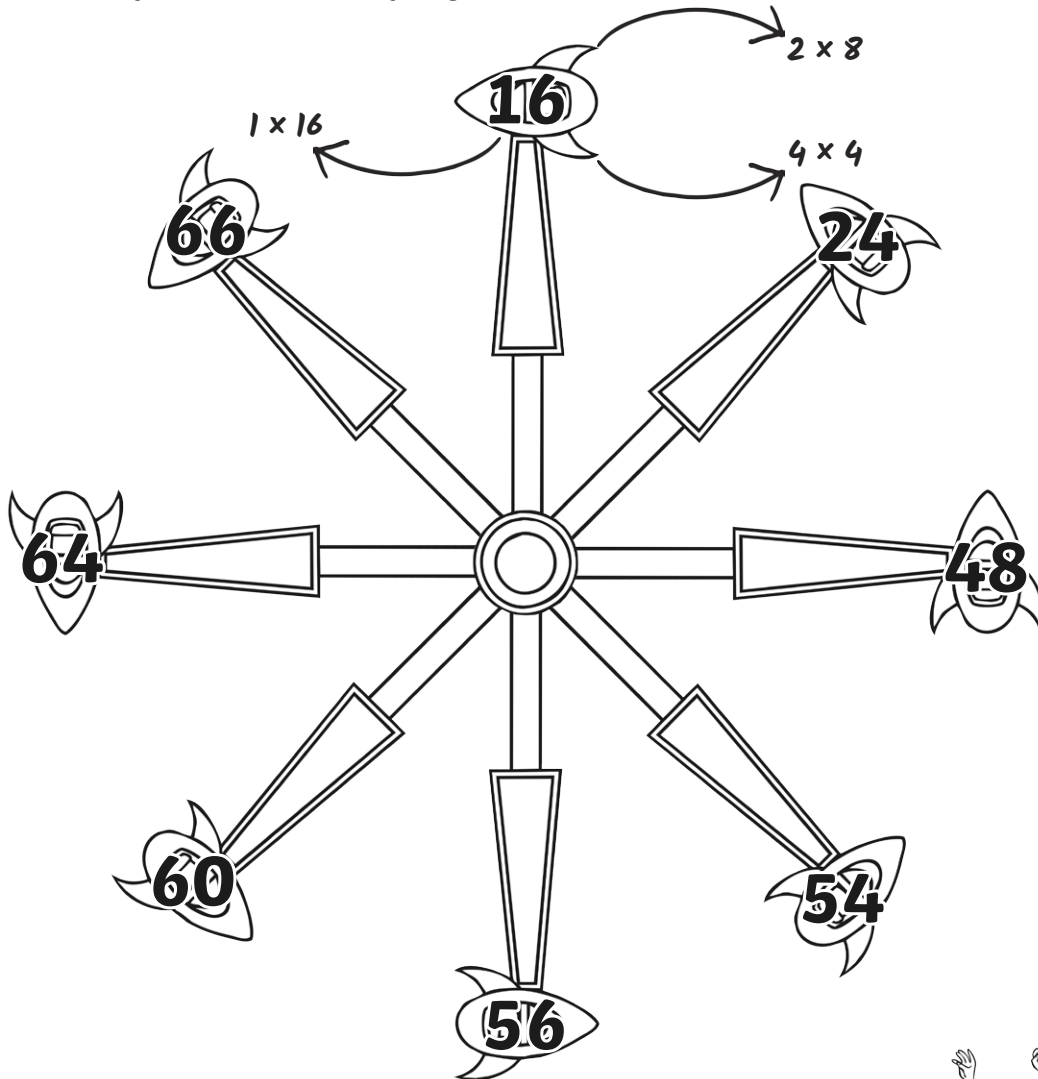


Factor Funfair

I can find factor pairs and common factors.



- 1) Find all the factor pairs for the numbers on the rocket wheel and write them around the cabins. The first one is done for you as an example.



- 2) Use your rocket wheel to find the common factors of:

- a) 16 and 24: _____
- b) 54 and 24: _____
- c) 66 and 64: _____
- d) 60 and 16: _____
- e) 48 and 12: _____



Factor Funfair Answers

Question	Answer
1.	Find all the factor pairs for the numbers on the rocket wheel and write them around the cabins.
	24: $1 \times 24, 2 \times 12, 3 \times 8, 4 \times 6$
	48: $1 \times 48, 2 \times 24, 3 \times 16, 4 \times 12, 6 \times 8$
	54: $1 \times 54, 2 \times 27, 3 \times 18, 6 \times 9$
	56: $1 \times 56, 2 \times 28, 4 \times 14, 7 \times 8$
	60: $1 \times 60, 2 \times 30, 3 \times 20, 4 \times 15, 5 \times 12, 6 \times 10$
	64: $1 \times 64, 2 \times 32, 4 \times 16, 8 \times 8$
	66: $1 \times 66, 2 \times 33, 3 \times 22, 6 \times 11$
2.	Use your rocket wheel to find the common factors of:
a	16 and 24: $1, 2, 4, 8$
b	54 and 24: $1, 2, 3, 6$
c	66 and 64: $1, 2$
d	60 and 16: $1, 2, 4$
e	48 and 12: $1, 2, 3, 4, 6, 12$

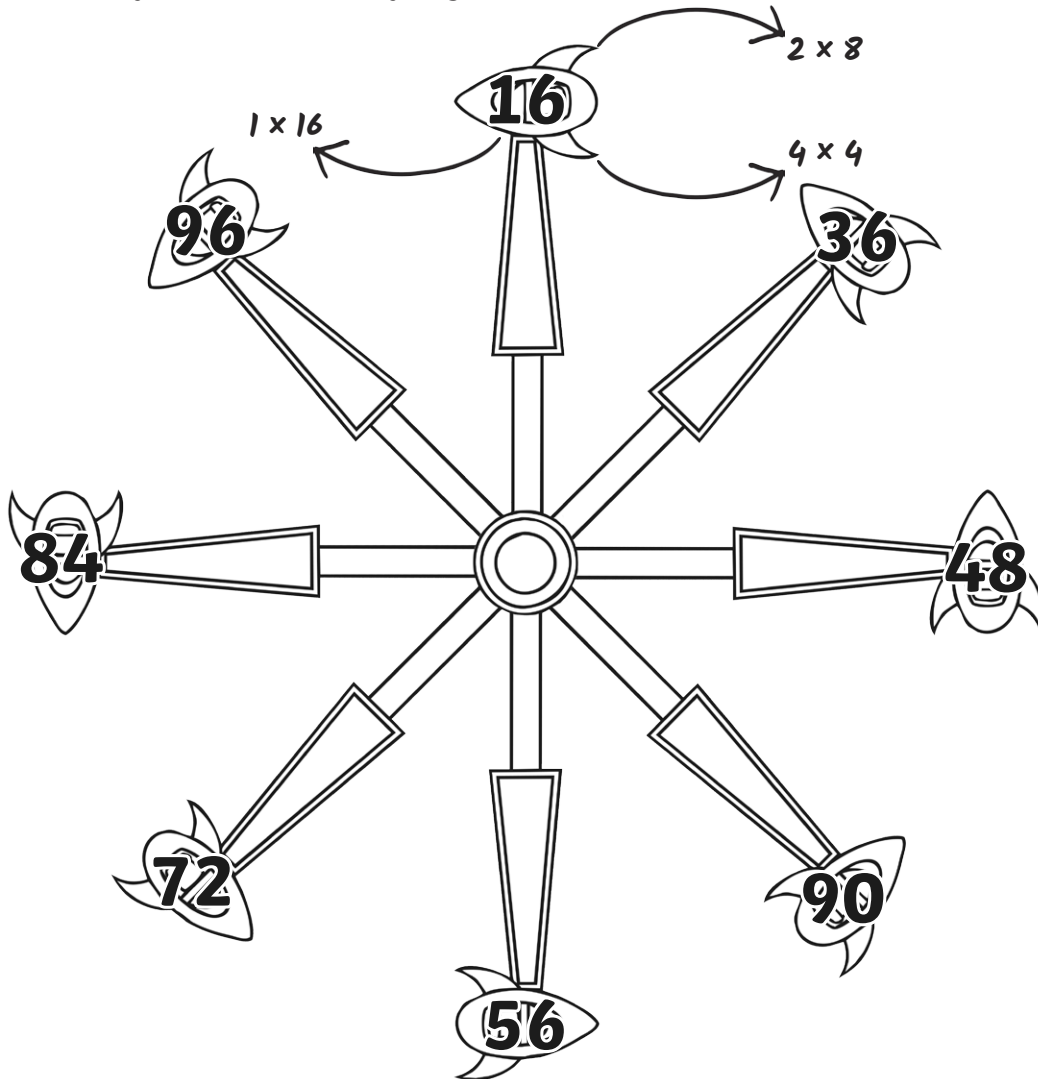


Factor Funfair

I can find factor pairs and common factors.



- 1) Find all the factor pairs for the numbers on the rocket wheel and write them around the cabins. The first one is done for you as an example.



- 2) Use your rocket wheel to find the common factors of:

- a) 16 and 96: _____
- b) 84 and 72: _____
- c) 90 and 36: _____
- d) 48 and 16: _____
- e) 56 and 96: _____





Factor Funfair Answers

Question	Answer
1.	Find all the factor pairs for the numbers on the rocket wheel and write them around the cabins.
	36: $1 \times 36, 2 \times 18, 3 \times 12, 4 \times 9, 6 \times 6$
	48: $1 \times 48, 2 \times 24, 3 \times 16, 4 \times 12, 6 \times 8$
	90: $1 \times 90, 2 \times 45, 3 \times 30, 5 \times 18, 6 \times 15, 9 \times 10$
	56: $1 \times 56, 2 \times 28, 4 \times 14, 7 \times 8$
	72: $1 \times 72, 2 \times 36, 3 \times 24, 4 \times 18, 6 \times 12, 8 \times 9$
	84: $1 \times 84, 2 \times 42, 3 \times 28, 4 \times 21, 6 \times 14, 7 \times 12$
	96: $1 \times 96, 2 \times 48, 3 \times 32, 4 \times 24, 6 \times 16, 8 \times 12$
2.	Use your rocket wheel to find the common factors of:
a	16 and 96: $1, 2, 4, 8, 16$
b	84 and 72: $1, 2, 3, 4, 6, 12$
c	90 and 36: $1, 2, 3, 6, 9, 18$
d	48 and 16: $1, 2, 4, 8, 16$
e	56 and 96: $1, 2, 4, 8$