

Gears

ANSWERS

Bands 1, 2, 3, 4, 5 · 10 questions · Free sample

Each picture asks its own question: which lettered gear turns the way it says, or turns fastest. The blue gear drives the rest the way its arrow shows. Touching gears turn opposite ways; a belt keeps the direction and a crossed belt reverses it; two gears on one axle turn together.

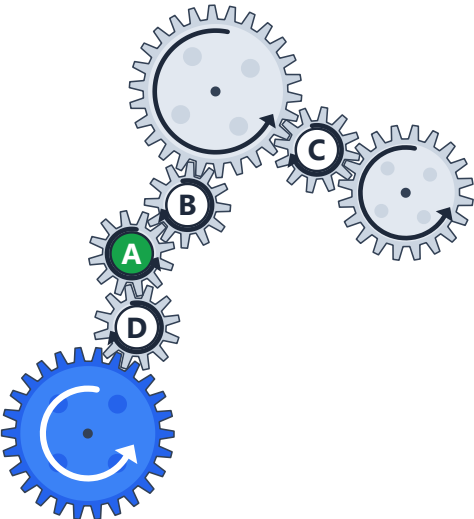
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1

Band 1

Answer: A

↺ Which gear turns anticlockwise?



A

A

The answer (turns anticlockwise)

B

B

Turns the other way: count the links again (turns clockwise)

C

C

Turns the other way: count the links again (turns clockwise)

D

D

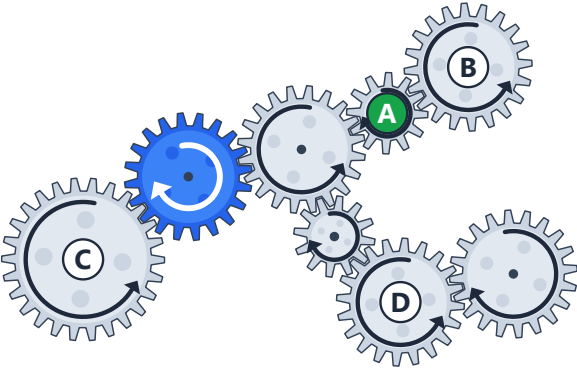
Touches the blue gear, so turns the other way (turns clockwise)

2

Band 1

Answer: A

↻ Which gear turns clockwise?



A

A

The answer (turns clockwise)

B

B

Turns the other way: count the links again (turns anticlockwise)

C

C

Touches the blue gear, so turns the other way (turns anticlockwise)

D

D

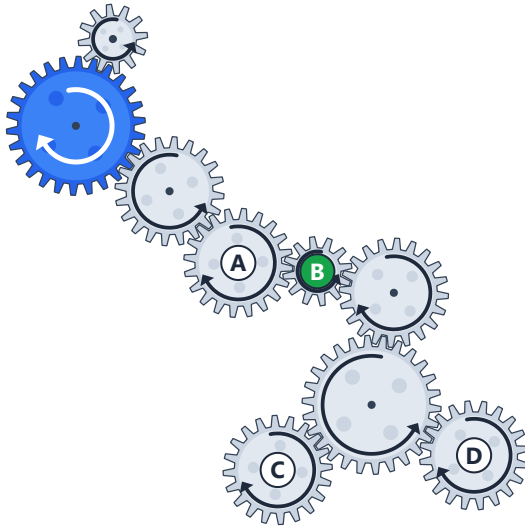
Turns the other way: count the links again (turns anticlockwise)

3

Band 2

Answer: B

↺ Which gear turns anticlockwise?



A

A

Turns the other way: count the links again (turns clockwise)

B

B

The answer (turns anticlockwise)

C

C

Turns the other way: count the links again (turns clockwise)

D

D

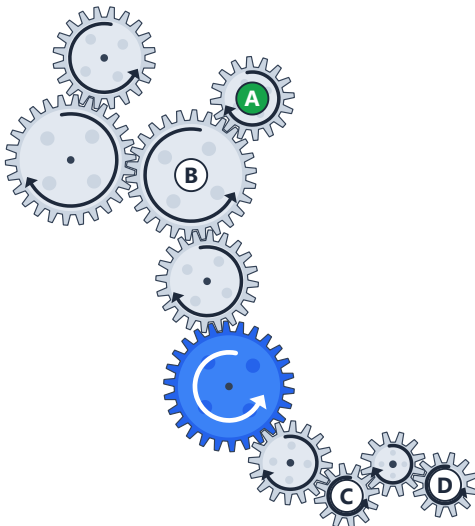
Turns the other way: count the links again (turns clockwise)

4

Band 2

Answer: A

↻ Which gear turns clockwise?



A

A

The answer (turns clockwise)

B

B

Turns the other way: count the links again (turns anticlockwise)

C

C

Turns the other way: count the links again (turns anticlockwise)

D

D

Turns the other way: count the links again (turns anticlockwise)

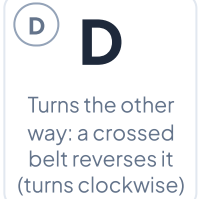
Band 3

↻ Which gear turns clockwise?



Band 3

➤ Which gear turns anticlockwise?

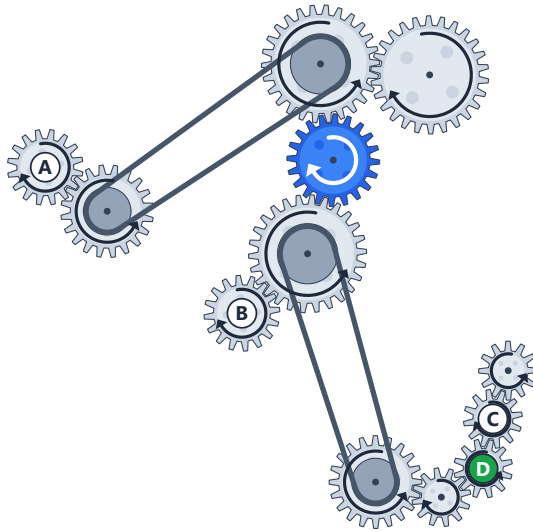


7

Band 4

Answer: D

Which gear turns anticlockwise?



A

Turns the other way: an open belt keeps the direction (turns clockwise)

B

Turns the other way: count the links again (turns clockwise)

C

Turns the other way: an open belt keeps the direction (turns clockwise)

D

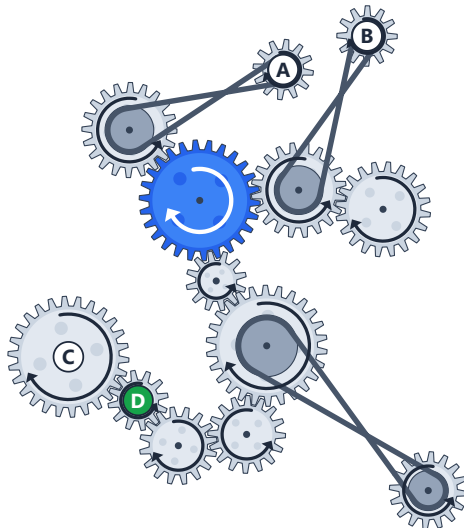
The answer (turns anticlockwise)

8

Band 4

Answer: D

Which gear turns anticlockwise?



A

Turns the other way: a crossed belt reverses it (turns clockwise)

B

Turns the other way: a crossed belt reverses it (turns clockwise)

C

Turns the other way: count the links again (turns clockwise)

D

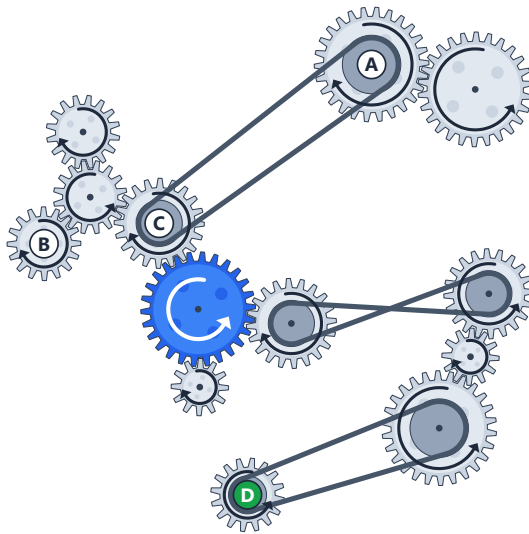
The answer (turns anticlockwise)

9

Band 5

Answer: D

Which gear turns anticlockwise?



A **A**

Turns the other way: an open belt keeps the direction (turns clockwise)

B **B**

Turns the other way: count the links again (turns clockwise)

C **C**

Touches the blue gear, so turns the other way (turns clockwise)

D **D**

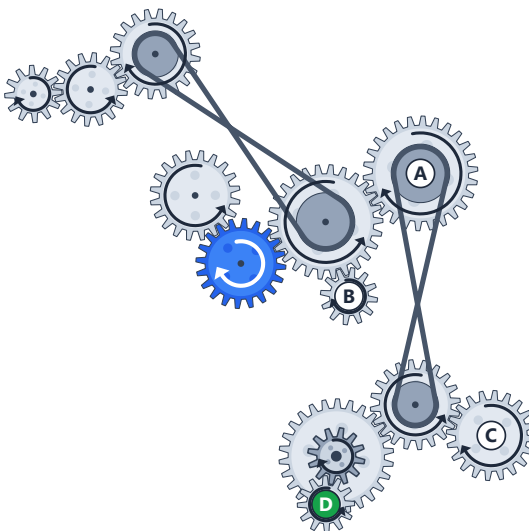
The answer (turns anticlockwise)

10

Band 5

Answer: D

Which gear turns anticlockwise?



A **A**

Turns the other way: count the links again (turns clockwise)

B **B**

Turns the other way: count the links again (turns clockwise)

C **C**

Turns the other way: a crossed belt reverses it (turns clockwise)

D **D**

The answer (turns anticlockwise)

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