

Student Name: \_\_\_\_\_

Score: \_\_\_\_\_

Mutually exclusive and mutually inclusive

1	2	3	4	5
6	7	8	9	10
11	12	13	14	15
16	17	18	19	20
21	22	23	24	25

A dart board is numbered from 1 to 25. Each cell is colored with red, green

Work Space

What is the pro

Answer:

What is the pro  
cells?

Answer:

What is the pro

Answer:

What is the pro

Answer:

What is the pro  
green cell?

Answer:

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Student Name: \_\_\_\_\_

Score: \_\_\_\_\_

**Answer key**

Mutually exclusive and mutually inclusive

A dart board is numbered from 1 to 25. Each cell is colored with red, green or blue. A dart is thrown and hits the board.

Work Space

What is the probability of hitting a red cell?

Answer:  $\frac{12}{25}$

What is the probability of hitting a green cell?

Answer:  $\frac{4}{25}$

What is the probability of hitting a blue cell?

Answer:  $\frac{9}{25}$

What is the probability of hitting a red or green cell?

Answer:  $\frac{16}{25}$

What is the probability of hitting a red or blue cell?

Answer:  $\frac{9}{25}$

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