



## DIVISIBILITY RULES PUZZLE 1

Use the clues to find the correct fraction from the 8 possibilities.

### CHALLENGE 1

- I am an even number.
- I am divisible by 3.
- One of my factors is 4.
- I am not divisible by 5.
- Who am I? \_\_\_\_\_

|          |          |          |          |
|----------|----------|----------|----------|
| A<br>324 | B<br>183 | C<br>657 | D<br>540 |
| E<br>245 | F<br>476 | G<br>906 | H<br>751 |

### CHALLENGE 2

- I am not divisible by 2.
- I am not a multiple of 5.
- I am divisible by 3 but not by 6.
- One of my factors is 9.
- Who am I? \_\_\_\_\_



# DIVISIBILITY RULES PUZZLE 1 ANSWERS

## CHALLENGE 1

- I am an even number.
- I am divisible by 3.
- One of my factors is 4.
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- Who am I? A) 324

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| A<br>324 | B<br>183 | C<br>657 | D<br>540 |
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## CHALLENGE 2

- I am not divisible by 2.
- I am not a multiple of 5.
- I am divisible by 3 but not by 6.
- One of my factors is 9.
- Who am I? C) 657