



Use divisibility rules for 2, 3, 5, 9, and 10

- 1 What tells you that a number is divisible by 9?

$$\begin{array}{c} X \\ \div \\ 9 \end{array}$$

- | | | |
|--|--|----------------------------|
| A The last three digits are divisible by 8 | B The last two digits are divisible by 4 | C The last digit is 0 or 5 |
| D It is divisible by both 2 and 3 | E The digits add up to a number divisible by 9 | F It is an even number |

- 2 Is 109 a number that has digits that add up to a number divisible by 9

- | | |
|------|-------|
| A No | B Yes |
|------|-------|

- 3 Can 572 be divided by 10

$$\begin{array}{c} 572 \\ \div \\ 10 \end{array}$$

- | | |
|------|-------|
| A No | B Yes |
|------|-------|

- 4 X is any integer. What is X definitely divisible by?

- | | | |
|------|-----|------|
| A 10 | B 7 | C 1 |
| D 6 | E 9 | F 11 |

- 5 Can 36 be divided by 4

$$\begin{array}{c} 36 \\ \div \\ 4 \end{array}$$

- | | |
|-------|------|
| A Yes | B No |
|-------|------|

- 6 Can 190 be divided by 12

$$\begin{array}{c} 190 \\ \div \\ 12 \end{array}$$

- | | |
|-------|------|
| A Yes | B No |
|-------|------|

- 7 Can 156 be divided by 12

$$\begin{array}{c} 156 \\ \div \\ 12 \end{array}$$

- | | |
|------|-------|
| A No | B Yes |
|------|-------|

- 8 Can 72 be divided by 8

$$\begin{array}{c} 72 \\ \div \\ 8 \end{array}$$

- | | |
|-------|------|
| A Yes | B No |
|-------|------|

**Use divisibility rules for 2, 3, 5, 9, and 10****9**

Can 76 be divided by 12

$$76 \div 12$$

A Yes

B No

10

Can 80 be divided by 12

$$80 \div 12$$

A No

B Yes

11

Can 76 be divided by 4

$$76 \div 4$$

A No

B Yes

12

Can 58 be divided by 4

$$58 \div 4$$

A Yes

B No