

Nome: _____ nº: _____ T. _____ Data: _____

6.5.23b Testes: MMC - Mínimo Múltiplo Comum

Observe cada um dos conjuntos abaixo

1. $M(9) = \{0, 9, 18, 27, 36, 45, 54, 63, 72, 81, \dots\}$

$M(3) = \{0, 3, 6, 9, 12, 15, 18, 21, 24, 27, \dots\}$

$M(9) \cap M(3) = \{0, 9, 18, 27, 36, 45, 54, 63, 72, 81, \dots\}$

Quem é o mmc entre 9 e 3?

a) $\text{mmc}(9, 3) = 0$

c) $\text{mmc}(9, 3) = 9$

b) $\text{mmc}(9, 3) = 3$

d) $\text{mmc}(9, 3) = 18$

2. $M(9) = \{0, 9, 18, 27, 36, 45, 54, 63, 72, 81, \dots\}$

$M(2) = \{0, 2, 4, 6, 8, 10, 12, 14, 16, 18, \dots\}$

$M(9) \cap M(2) = \{0, 18, 36, 54, 72, 90, 108, 126, 144, 162, \dots\}$

Quem é o mmc entre 9 e 2?

a) $\text{mmc}(9, 2) = 2$

c) $\text{mmc}(9, 2) = 9$

b) $\text{mmc}(9, 2) = 0$

d) $\text{mmc}(9, 2) = 18$

3. $M(10) = \{0, 10, 20, 30, 40, 50, 60, 70, 80, 90, \dots\}$

$M(8) = \{0, 8, 16, 24, 32, 40, 48, 56, 64, 72, \dots\}$

$M(10) \cap M(8) = \{0, 40, 80, 120, 160, 200, 240, 280, 320, 360, \dots\}$

Quem é o mmc entre 10 e 8?

a) $\text{mmc}(10, 8) = 40$

c) $\text{mmc}(10, 8) = 10$

b) $\text{mmc}(10, 8) = 0$

d) $\text{mmc}(10, 8) = 8$

4. $M(5) = \{0, 5, 10, 15, 20, 25, 30, 35, 40, 45, \dots\}$

$M(4) = \{0, 4, 8, 12, 16, 20, 24, 28, 32, 36, \dots\}$

$M(5) \cap M(4) = \{0, 20, 40, 60, 80, 100, 120, 140, 160, 180, \dots\}$

Quem é o mmc entre 5 e 4?

a) $\text{mmc}(5, 4) = 4$

c) $\text{mmc}(5, 4) = 5$

b) $\text{mmc}(5, 4) = 20$

d) $\text{mmc}(5, 4) = 0$

5. $M(8) = \{0, 8, 16, 24, 32, 40, 48, 56, 64, 72, \dots\}$

$M(11) = \{0, 11, 22, 33, 44, 55, 66, 77, 88, 99, \dots\}$

$M(8) \cap M(11) = \{0, 88, 176, 264, 352, 440, 528, 616, 704, 792, \dots\}$

Quem é o mmc entre 8 e 11?

a) $\text{mmc}(8, 11) = 88$

c) $\text{mmc}(8, 11) = 11$

b) $\text{mmc}(8, 11) = 0$

d) $\text{mmc}(8, 11) = 8$