

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

6.5.23a Testes: MMC - Mínimo Múltiplo Comum

Observe cada um dos conjuntos abaixo

1. $M(6) = \{0, 6, 12, 18, 24, 30, 36, 42, 48, 54, \dots\}$

$M(22) = \{0, 22, 44, 66, 88, 110, 132, 154, 176, 198, \dots\}$

$M(6) \cap M(22) = \{0, 66, 132, 198, 264, 330, 396, 462, 528, 594, \dots\}$

Quem é o mmc entre 6 e 22?

a) $\text{mmc}(6, 22) = 66$

c) $\text{mmc}(6, 22) = 0$

b) $\text{mmc}(6, 22) = 6$

d) $\text{mmc}(6, 22) = 22$

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

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

$M(4) \cap M(10) = \{0, 20, 40, 60, 80, 100, 120, 140, 160, 180, \dots\}$

Quem é o mmc entre 4 e 10?

a) $\text{mmc}(4, 10) = 0$

c) $\text{mmc}(4, 10) = 20$

b) $\text{mmc}(4, 10) = 10$

d) $\text{mmc}(4, 10) = 4$

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

$M(6) = \{0, 6, 12, 18, 24, 30, 36, 42, 48, 54, \dots\}$

$M(5) \cap M(6) = \{0, 30, 60, 90, 120, 150, 180, 210, 240, 270, \dots\}$

Quem é o mmc entre 5 e 6?

a) $\text{mmc}(5, 6) = 5$

c) $\text{mmc}(5, 6) = 30$

b) $\text{mmc}(5, 6) = 0$

d) $\text{mmc}(5, 6) = 6$

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

$M(7) = \{0, 7, 14, 21, 28, 35, 42, 49, 56, 63, \dots\}$

$M(5) \cap M(7) = \{0, 35, 70, 105, 140, 175, 210, 245, 280, 315, \dots\}$

Quem é o mmc entre 5 e 7?

a) $\text{mmc}(5, 7) = 5$

c) $\text{mmc}(5, 7) = 0$

b) $\text{mmc}(5, 7) = 35$

d) $\text{mmc}(5, 7) = 7$

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

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

$M(3) \cap M(5) = \{0, 15, 30, 45, 60, 75, 90, 105, 120, 135, \dots\}$

Quem é o mmc entre 3 e 5?

a) $\text{mmc}(3, 5) = 15$

c) $\text{mmc}(3, 5) = 3$

b) $\text{mmc}(3, 5) = 5$

d) $\text{mmc}(3, 5) = 0$