



Lista de exercícios – MMC

01. Quais os múltiplos dos números abaixo?
- a) $M(3) =$
 - b) $M(5) =$
 - c) $M(7) =$
 - d) $M(12) =$
 - e) $M(15) =$
02. Quais os múltiplos comuns dos números abaixo?
- a) $MC(3, 5) =$
 - b) $MC(3, 7) =$
 - c) $MC(5, 7) =$
 - d) $MC(12, 15) =$
 - e) $MC(12, 18) =$
 - f) $MC(10, 15) =$
03. Qual o MMC dos números a seguir?
- a) $MMC(3, 5) =$
 - b) $MMC(3, 7) =$
 - c) $MMC(5, 7) =$
 - d) $MMC(12, 15) =$
 - e) $MMC(12, 18) =$
 - f) $MMC(10, 15) =$
 - g) $MMC(12, 28) =$
 - h) $MMC(20, 24) =$
 - i) $MMC(6, 30) =$
 - j) $MMC(24, 60) =$
 - k) $MMC(6, 9, 21) =$
 - l) $MMC(4, 15, 60) =$
 - m) $MMC(12, 18, 24) =$
 - n) $MMC(27, 45, 60) =$
 - o) $MMC(24, 32, 48) =$
04. Calcule o MMC para os números primos abaixo:
- a) $MMC(2, 3) =$
 - b) $MMC(5, 11) =$
 - c) $MMC(7, 11) =$
 - d) $MMC(13, 17) =$
 - e) $MMC(2, 3, 5) =$
 - f) $MMC(5, 7, 13) =$
 - g) $MMC(3, 7, 19) =$





GABARITO

01. Respostas:

- a) $M(3) = \{0, 3, 6, 9, 12, 15, 18, 21, \dots\}$
- b) $M(5) = \{0, 5, 10, 15, 20, 25, 30, 35, \dots\}$
- c) $M(7) = \{0, 7, 14, 21, 28, 35, 42, 49, \dots\}$
- d) $M(12) = \{0, 12, 24, 36, 48, 60, 72, 84, \dots\}$
- e) $M(15) = \{0, 15, 30, 45, 60, 75, 90, 105, \dots\}$

02. Respostas:

- a) $MC(3, 5) = \{15, 30, 45, 60, 75, 90, 105, \dots\}$
- b) $MC(3, 7) = \{21, 42, 63, 84, 105, 126, \dots\}$
- c) $MC(5, 7) = \{35, 75, 105, 140, 175, \dots\}$
- d) $MC(12, 15) = \{60, 120, 180, 240, 300, 360, \dots\}$
- e) $MC(12, 18) = \{36, 72, 108, 144, 180, \dots\}$
- f) $MC(10, 15) = \{30, 60, 90, 120, 150, 180, \dots\}$

03. Respostas:

- a) $MMC(3, 5) = 15$
- b) $MMC(3, 7) = 21$
- c) $MMC(5, 7) = 35$
- d) $MMC(12, 15) = 60$
- e) $MMC(12, 18) = 36$
- f) $MMC(10, 15) = 30$
- g) $MMC(12, 28) = 84$
- h) $MMC(20, 24) = 120$
- i) $MMC(6, 30) = 30$
- j) $MMC(24, 60) = 120$
- k) $MMC(6, 9, 21) = 126$
- l) $MMC(4, 15, 60) = 60$
- m) $MMC(12, 18, 24) = 72$
- n) $MMC(27, 45, 60) = 540$
- o) $MMC(24, 32, 48) = 96$

04. Respostas:

- a) $MMC(2, 3) = 2.3 = 6$
- b) $MMC(5, 11) = 5.11 = 55$
- c) $MMC(7, 11) = 7.11 = 77$
- d) $MMC(13, 17) = 13.17 = 221$
- e) $MMC(2, 3, 5) = 2.3.5 = 30$
- f) $MMC(5, 7, 13) = 5.7.13 = 455$
- g) $MMC(3, 7, 19) = 3.7.19 = 399$

