



ALUNO(A)

TURMA

PROFESSOR(A)

DATA



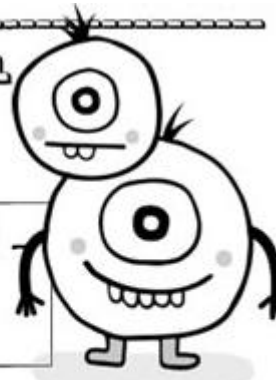
3ª BATERIA DE EXERCÍCIOS – MATEMÁTICA – 6º ANO

(Atenção! É necessário representar todos os cálculos!)

MÚLTIPLOS DE UM NÚMERO NATURAL

1 - Circule os múltiplos de 6.

5 - 18 - 25 - 12 - 31 - 30 - 42 - 35 - 48 - 13 -
54 - 21 - 11 - 24 - 75 - 72



2 - Determine os 5 primeiros múltiplos de:

a) $M(3) =$ _____b) $M(7) =$ _____c) $M(14) =$ _____

3 - Determine o conjunto dos múltiplos:

a) de 5, compreendidos entre 25 e 50. _____

b) de 20, compreendidos entre 21 e 60. _____

c) de 6, compreendidos entre 16 e 41. _____

d) de 4, compreendidos entre 8 e 20. _____

4 - Pinte os números que são múltiplos de:

8 -

14	24	16	36	4	22	40
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7 -

56	35	23	42	17	15	21
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3 -

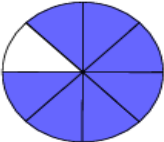
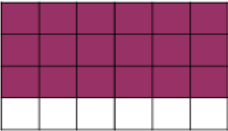
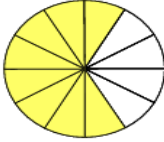
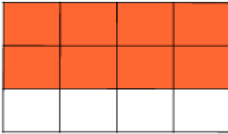
4	27	6	18	9	7	12
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6 -

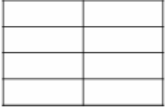
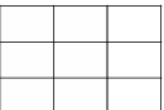
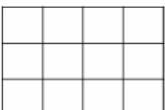
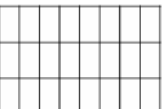
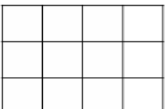
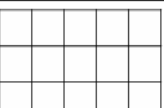
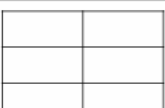
18	10	16	36	30	6	23
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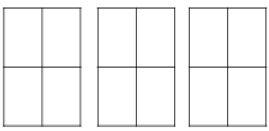
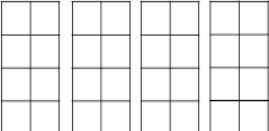
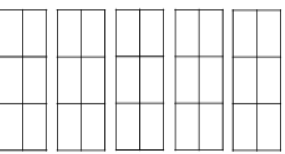
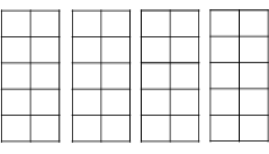
2) Observe as imagens e complete a tabela.

Imagem	Fração	Própria ou Imprópria	Leitura
			
			
			
			

3) Pinte as frações e descubra qual é a maior (>) e menor (<).

c. $\frac{2}{3}$ 	$\frac{2}{3} \square \frac{3}{9}$	d. $\frac{4}{8}$ 	$\frac{4}{8} \square \frac{3}{12}$
$\frac{3}{9}$ 		$\frac{3}{12}$ 	
e. $\frac{11}{24}$ 	$\frac{11}{24} \square \frac{9}{15}$	f. $\frac{9}{12}$ 	$\frac{9}{12} \square \frac{3}{6}$
$\frac{9}{15}$ 		$\frac{3}{6}$ 	

4) Pinte as figuras de acordo com os números mistos, e depois, escreva como se lê.

a. $2\frac{3}{4}$ 	b. $3\frac{4}{8}$ 
c. $4\frac{2}{6}$ 	d. $3\frac{6}{10}$ 

a. _____

b. _____

c. _____

d. _____

5) Converta as frações impróprias em números mistos.

a. $\frac{13}{4} = 3\frac{1}{4}$	$\begin{array}{r} 13 \overline{) 4} \\ -12 \\ \hline 01 \end{array}$	b. $\frac{12}{5}$
c. $\frac{16}{5}$	d. $\frac{18}{7}$	

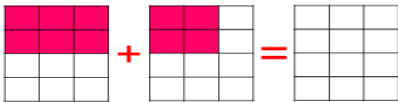
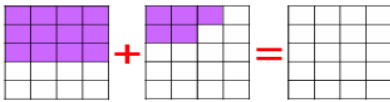
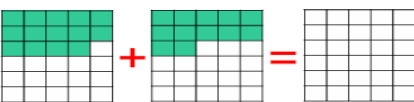
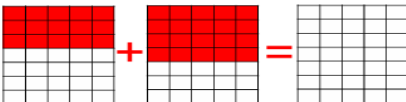
6) Agora, converta os números mistos em gfrações impróprias.

a. $2\frac{3}{4} = \frac{11}{4}$	b. $3\frac{4}{8}$	c. $7\frac{2}{4}$
d. $4\frac{2}{6}$	e. $3\frac{6}{10}$	f. $5\frac{3}{5}$

7) Calcule a fração de um número natural (ℕ).

a. $\frac{3}{4} \text{ de } 16 =$	b. $\frac{2}{8} \text{ de } 32 =$	c. $\frac{4}{7} \text{ de } 49 =$
d. $\frac{5}{6} \text{ de } 18 =$	e. $\frac{5}{4} \text{ de } 20 =$	f. $\frac{5}{9} \text{ de } 81 =$

8) Observe as figuras e efetue as adições das frações. Depois, pinte a última imagem de acordo com o resultado.

a.  $\frac{6}{12} + \frac{4}{12} = \text{---}$	b.  $\frac{12}{20} + \frac{5}{20} = \text{---}$
c.  $\frac{14}{30} + \frac{12}{30} = \text{---}$	d.  $\frac{15}{35} + \frac{20}{35} = \text{---}$

9) Efetue as subtrações de frações com denominadores iguais.

a.	b.	c.
$\frac{8}{2} - \frac{6}{2} = \text{---}$	$\frac{14}{5} - \frac{8}{5} = \text{---}$	$\frac{15}{7} - \frac{12}{7} = \text{---}$
d.	e.	f.
$\frac{19}{12} - \frac{7}{12} = \text{---}$	$\frac{19}{15} - \frac{13}{15} = \text{---}$	$\frac{38}{22} - \frac{15}{22} = \text{---}$

10) Efetue as multiplicações de frações.

a.	b.	c.
$\frac{8}{3} \times \frac{6}{2} = \text{---}$	$\frac{8}{4} \times \frac{8}{5} = \text{---}$	$\frac{3}{6} \times \frac{12}{7} = \text{---}$
d.	e.	f.
$\frac{3}{12} \times \frac{7}{3} = \text{---}$	$\frac{3}{2} \times \frac{9}{15} = \text{---}$	$\frac{2}{3} \times \frac{15}{22} = \text{---}$

11) Agora, efetue as divisões de frações.

a.	b.
$\frac{8}{4} : \frac{7}{2} =$	$\frac{12}{3} : \frac{6}{2} =$
c.	d.
$\frac{9}{3} : \frac{5}{4} =$	$\frac{4}{5} : \frac{7}{12} =$

12) Complete a tabela.

Decimal	Fracionária	Porcentagem
	$\frac{23}{100}$	
0,56		
		75%
	$\frac{3}{100}$	
		45%