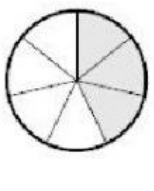
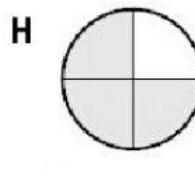
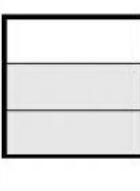
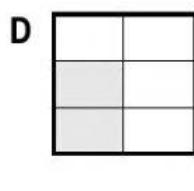
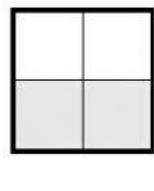
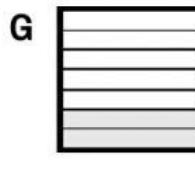
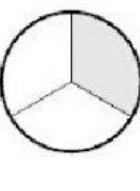
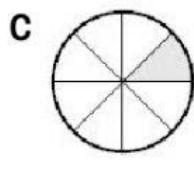
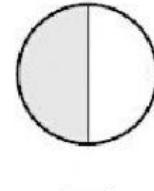
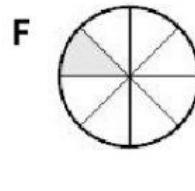
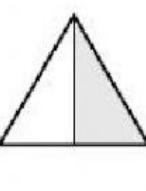
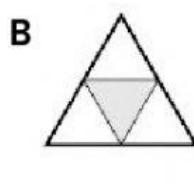
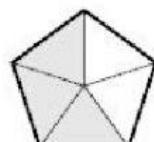
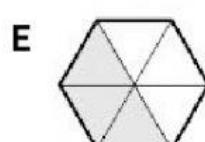
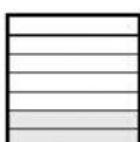
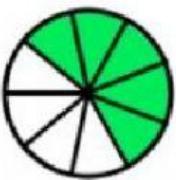
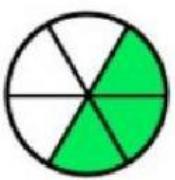
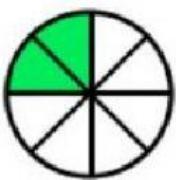
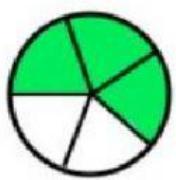
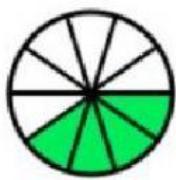
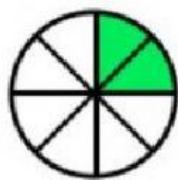


1. Escriu la fracció i compara utilitzant els signes $>$ $<$ o $=$.



2. Escriu la fracció, amb nombres i lletres, i ordena-les de més gran a més petita.



— > — > — > — > — > —

3. Digues la fracció resultant d'aquestes sumes:

a) $\frac{2}{8} + \frac{4}{8} = \underline{\hspace{2cm}}$	e) $\frac{7}{10} + \frac{2}{10} = \underline{\hspace{2cm}}$	i) $\frac{2}{8} + \frac{5}{8} = \underline{\hspace{2cm}}$	m) $\frac{2}{5} + \frac{2}{5} = \underline{\hspace{2cm}}$
b) $\frac{3}{5} + \frac{2}{5} = \underline{\hspace{2cm}}$	f) $\frac{1}{9} + \frac{8}{9} = \underline{\hspace{2cm}}$	j) $\frac{4}{9} + \frac{3}{9} = \underline{\hspace{2cm}}$	n) $\frac{12}{32} + \frac{15}{32} = \underline{\hspace{2cm}}$
c) $\frac{3}{6} + \frac{3}{6} = \underline{\hspace{2cm}}$	g) $\frac{4}{20} + \frac{11}{20} = \underline{\hspace{2cm}}$	k) $\frac{6}{13} + \frac{5}{13} = \underline{\hspace{2cm}}$	o) $\frac{11}{63} + \frac{45}{63} = \underline{\hspace{2cm}}$
d) $\frac{1}{7} + \frac{6}{7} = \underline{\hspace{2cm}}$	h) $\frac{8}{16} + \frac{4}{16} = \underline{\hspace{2cm}}$	l) $\frac{4}{12} + \frac{3}{12} = \underline{\hspace{2cm}}$	p) $\frac{21}{57} + \frac{36}{57} = \underline{\hspace{2cm}}$

4. Fixa't en els resultats de les sumes de l'exercici anterior. Quines de les fraccions resultants són iguals que la unitat? Escriu-les a continuació en ordre alfabètic:

$\underline{\hspace{2cm}} = 1$ $\underline{\hspace{2cm}} = 1$ $\underline{\hspace{2cm}} = 1$ $\underline{\hspace{2cm}} = 1$ $\underline{\hspace{2cm}} = 1$

5. Completa les següents restes de fraccions:

a) $\frac{4}{6} - \frac{2}{6} = \frac{2}{6}$	e) $\frac{15}{18} - \frac{13}{18} = \frac{2}{18}$	i) $\frac{48}{72} - \frac{19}{72} = \frac{29}{72}$	m) $\frac{26}{51} - \frac{26}{51} = \frac{17}{51}$
b) $\frac{9}{9} - \frac{4}{9} = \frac{5}{9}$	f) $\frac{23}{42} - \frac{11}{42} = \frac{12}{42}$	j) $\frac{7}{8} - \frac{4}{8} = \frac{3}{8}$	n) $\frac{35}{49} - \frac{35}{49} = \frac{10}{49}$
c) $\frac{5}{8} - \frac{3}{8} = \frac{2}{8}$	g) $\frac{84}{84} - \frac{53}{84} = \frac{31}{84}$	k) $\frac{87}{87} - \frac{77}{87} = \frac{10}{87}$	o) $\frac{24}{25} - \frac{24}{25} = \frac{8}{25}$
d) $\frac{4}{5} - \frac{1}{5} = \frac{3}{5}$	h) $\frac{53}{65} - \frac{16}{65} = \frac{37}{65}$	l) $\frac{76}{91} - \frac{34}{91} = \frac{42}{91}$	p) $\frac{65}{83} - \frac{51}{83} = \frac{14}{83}$

6. Continua les sèries de fraccions equivalents:

a) $\frac{1}{2} = \frac{2}{4} = \frac{3}{6} = \underline{\quad} = \underline{\quad} = \underline{\quad}$

e) $\frac{9}{10} = \frac{18}{20} = \frac{27}{30} = \underline{\quad} = \underline{\quad} = \underline{\quad}$

b) $\frac{3}{5} = \frac{6}{10} = \frac{9}{15} = \underline{\quad} = \underline{\quad} = \underline{\quad}$

f) $\frac{6}{12} = \frac{12}{24} = \frac{18}{36} = \underline{\quad} = \underline{\quad} = \underline{\quad}$

c) $\frac{4}{7} = \frac{8}{14} = \frac{12}{21} = \underline{\quad} = \underline{\quad} = \underline{\quad}$

g) $\frac{20}{30} = \frac{40}{60} = \frac{60}{90} = \underline{\quad} = \underline{\quad} = \underline{\quad}$

d) $\frac{1}{8} = \frac{2}{16} = \frac{3}{24} = \underline{\quad} = \underline{\quad} = \underline{\quad}$

h) $\frac{25}{50} = \frac{50}{100} = \frac{75}{150} = \underline{\quad} = \underline{\quad} = \underline{\quad}$

7. Marca amb un **C** de correcta o una **F** de falsa les següents fraccions equivalents:

a) $\frac{4}{6} = \frac{2}{3}$

e) $\frac{15}{60} = \frac{3}{20}$

j) $\frac{35}{120} = \frac{7}{24}$

b) $\frac{8}{9} = \frac{4}{5}$

f) $\frac{5}{20} = \frac{20}{40}$

k) $\frac{28}{70} = \frac{38}{80}$

c) $\frac{5}{7} = \frac{15}{21}$

g) $\frac{10}{50} = \frac{15}{60}$

l) $\frac{62}{90} = \frac{31}{45}$

d) $\frac{18}{24} = \frac{1}{3}$

h) $\frac{12}{60} = \frac{24}{25}$

m) $\frac{11}{20} = \frac{44}{80}$

8. Calcula les següents fraccions d'un nombre:

a) $\frac{3}{6}$ de 24 $\begin{array}{r} 24 : 6 = 4 \\ 4 \times 3 = 12 \end{array} \rightarrow \frac{3}{6}$ de 24 = 12

b) $\frac{2}{8}$ de 40 $\begin{array}{r} : = \\ \times = \end{array} \rightarrow \frac{2}{8}$ de 40 =

c) $\frac{3}{7}$ de 63 $\begin{array}{r} : = \\ \times = \end{array} \rightarrow \frac{3}{7}$ de 63 =

d) $\frac{4}{9}$ de 63 : = → $\frac{4}{9}$ de 63 =
 x =

e) $\frac{2}{3}$ de 21 : = → $\frac{2}{3}$ de 21 =
 x =

9. Llegeix l'enunciat del problema i contesta:



En un armari hi ha 42 peces de roba. 1/6 són pantalons, 3/6 són camises i samarretes 2/6 són jersey gruixuts.

- *El nombre de pantalons que hi ha a l'armari és $\frac{1}{6}$ de 42.*
- *El nombre de camises i samarretes que hi ha a l'armari és $\frac{3}{6}$ de 42.*
- *El nombre de jersey gruixuts que hi ha l'armari és $\frac{2}{6}$ de 42.*

Quants pantalons hi ha a l'armari?

I camises i samarretes?

Fixa't en els calaixos que hi ha a l'armari i contesta:

Quants calaixos hi ha en total?

Escriu la fracció que representen els calaixos de la dreta respecte el total.

10. Llegeix l'enunciat del problema i contesta:

En Fernando té 70 ninots: 1/5 són barrufets 2/7 són animalets i la resta són superherois.
Quants superherois té?

Barrufets: $1/5$ de $70 =$

Animalets: $2/7$ de $70 =$

Superherois:

