

LE FRAZIONI EQUIVALENTI

Attività 1 :
Definizione delle frazioni equivalenti

$$\frac{3}{4}$$

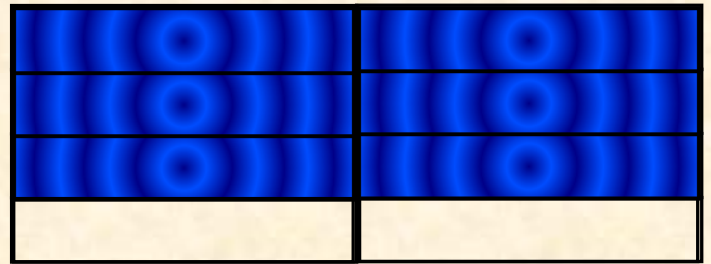
$$\frac{6}{8}$$

$$\frac{9}{12}$$

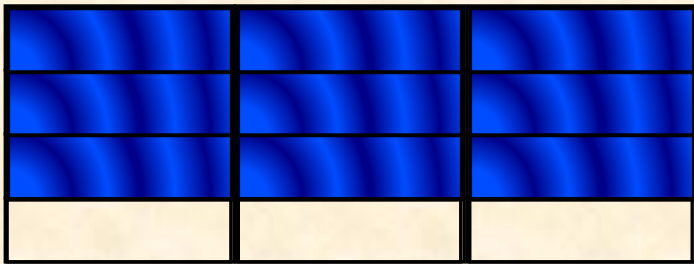
$$\frac{18}{24}$$



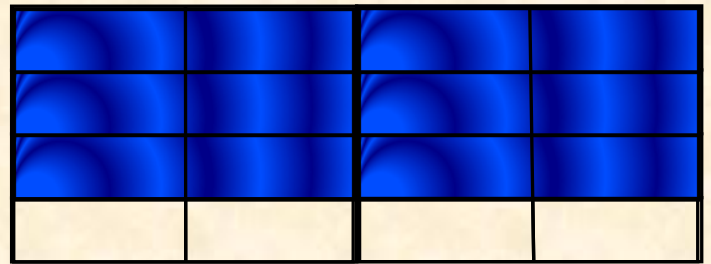
$$\frac{3}{4}$$



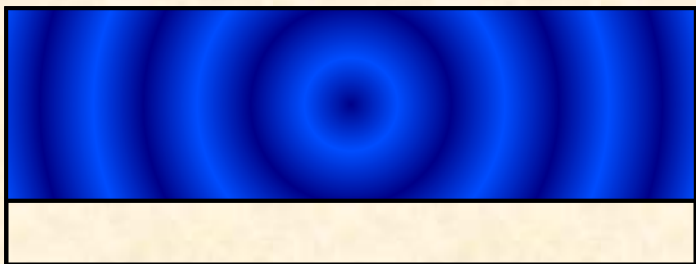
$$\frac{6}{8}$$



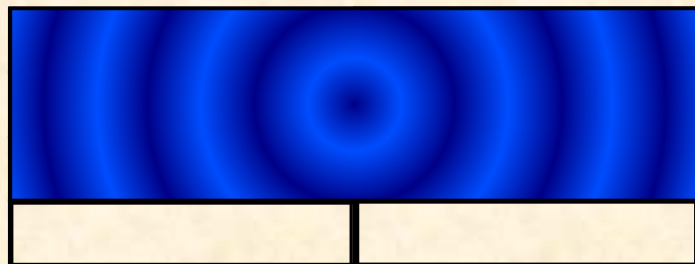
$$\frac{9}{12}$$



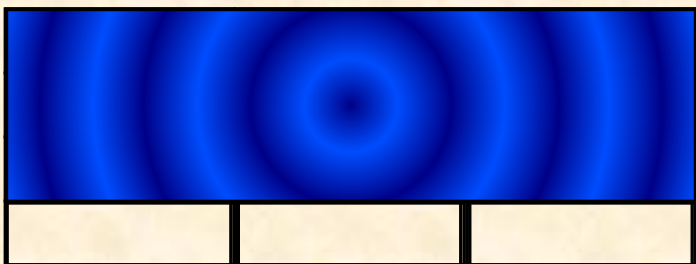
$$\frac{18}{24}$$



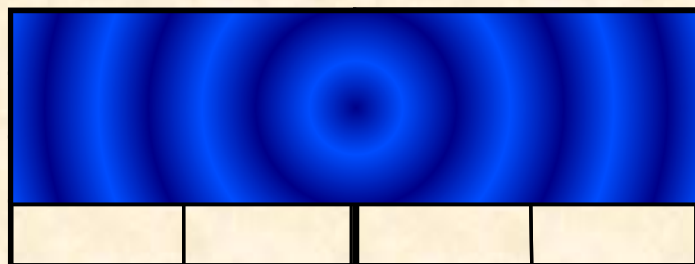
$$\frac{3}{4}$$



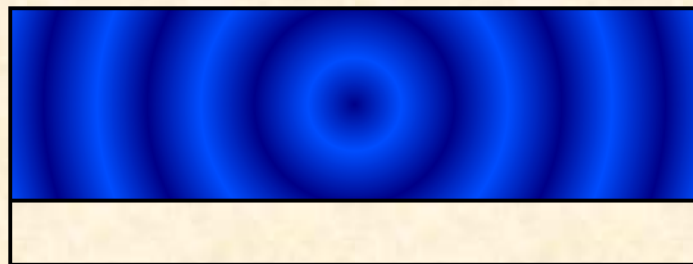
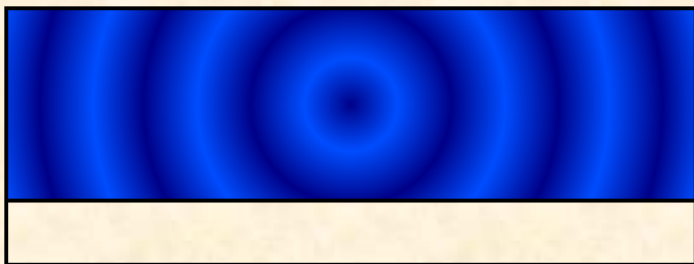
$$\frac{6}{8}$$



$$\frac{9}{12}$$



$$\frac{18}{24}$$



Le parti colorate sono congruenti

$$\frac{3}{4} = \frac{9}{12} = \frac{6}{8} = \frac{18}{24}$$

Le frazioni sono equivalenti

La frazione $\frac{3}{4}$ ha il numeratore e il denominatore primi tra loro

Si dice che questa frazione è ridotta ai minimi termini

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Attività 2 :

Proprietà invariante delle frazioni

$$\frac{12}{20}, \frac{24}{40}, \frac{3}{5}, \frac{13}{21}, \frac{45}{60}, \frac{30}{50}$$

$$\frac{12}{20} = \frac{24}{40}$$

The diagram illustrates the simplification of the fraction $\frac{12}{20}$ to $\frac{24}{40}$. The fraction is shown as $\frac{12}{20} = \frac{24}{40}$. An arrow labeled ". 2" points from the numerator 12 to 24, and another arrow labeled ". 2" points from the denominator 20 to 40, indicating that both the numerator and denominator are multiplied by 2.

$$\frac{12}{20} = \frac{3}{5}$$

$\div 4$

$\div 4$

$$\frac{3}{5} = \frac{30}{50}$$

The diagram illustrates the process of finding an equivalent fraction. It shows the fraction $\frac{3}{5}$ on the left and $\frac{30}{50}$ on the right, with an equals sign between them. Two curved arrows indicate the multiplication of both the numerator and denominator by 10. The top arrow starts at the numerator 3 and points to 30, with the label ". 10" above it. The bottom arrow starts at the denominator 5 and points to 50, with the label ". 10" below it.

Proprietà invariante
delle frazioni...

*Moltiplicando o dividendo il
numeratore è il denominatore di
una frazione per uno stesso
numero naturale, si ottiene una
frazione equivalente a quella
data.*