

Diamonds

Under the Lights Multiplication Mosaic

Solve the multiplication problems to reveal the hidden picture. Each answer has a special colour.

10, 20, 30, 40, 50, 60, 70, 80, 90, 100, 110, 120 = light blue

2, 4 = grey

6, 8, 12, 14, 16, 18, 22, 24 = yellow

5, 15, 25, 35, 45, 55 = black

| | | | | | | | | | | |
|---------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|---------------|----------------|----------------|
| 3×10 | 3×5 | 4×10 | 10×10 | 5×10 | 6×10 | 3×10 | 1×5 | 3×5 | 3×5 | 5×5 |
| 5×10 | 7×5 | 11×5 | 4×10 | 2×10 | 5×10 | 8×10 | 11×5 | 4×10 | 3×10 | 7×5 |
| 3×10 | 5×5 | 4×10 | 11×5 | 5×10 | 6×10 | 3×10 | 9×5 | 4×10 | 3×10 | 3×5 |
| 5×10 | 5×5 | 10×10 | 4×10 | 2×10 | 5×10 | 5×5 | 11×5 | 4×10 | 5×10 | 5×5 |
| 7×5 | 9×5 | 10×10 | 3×10 | 1×10 | 5×10 | 7×5 | 9×5 | 12×5 | 1×5 | 11×5 |
| 3×5 | 3×5 | 8×10 | 5×10 | 10×10 | 8×10 | 10×10 | 11×10 | 3×10 | 5×10 | 9×10 |
| 2×10 | 5×10 | 4×2 | 2×4 | 2×6 | 2×9 | 2×7 | 8×2 | 7×2 | 12×10 | 12×5 |
| 3×10 | 8×2 | 7×2 | 8×10 | 4×10 | 7×10 | 6×10 | 12×5 | 12×2 | 7×2 | 10×10 |
| 8×2 | 2×9 | 3×10 | 11×10 | 3×10 | 11×10 | 12×5 | 10×10 | 8×10 | 6×2 | 12×2 |
| 3×2 | 2×11 | 2×2 | 10×10 | 8×10 | 10×10 | 8×10 | 9×10 | 2×2 | 8×2 | 2×3 |
| 11×2 | 9×2 | 1×2 | 4×10 | 5×10 | 6×10 | 7×10 | 11×10 | 2×1 | 7×2 | 6×2 |
| 6×2 | 7×2 | 2×2 | 3×10 | 1×10 | 10×10 | 3×10 | 8×10 | 1×2 | 2×11 | 8×2 |
| 10×5 | 3×2 | 2×10 | 9×10 | 5×10 | 4×10 | 1×10 | 11×10 | 4×10 | 9×2 | 12×10 |
| 3×10 | 10×10 | 9×10 | 5×10 | 3×10 | 2×10 | 12×5 | 10×10 | 4×10 | 2×10 | 7×10 |

Rubies

Under the Lights Multiplication Mosaic

Solve the multiplication problems to reveal the hidden picture. Each answer has a special colour.

0 - 9 = black

10 - 19 = orange

20 - 30 = light brown

31 - 40 = grey

41 - 50 = pink

51 - 100 = light blue

| | | | | | | | | | | |
|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|
| 9×8 | 8×8 | 7×8 | 10×8 | 12×8 | 10×8 | 8×8 | 8×11 | 9×8 | 10×8 | 12×8 |
| 12×8 | 10×8 | 8×12 | 8×11 | 8×7 | 8×10 | 8×11 | 8×11 | 8×6 | 7×8 | 8×10 |
| 11×8 | 8×7 | 7×8 | 9×8 | 8×8 | 10×8 | 12×8 | 12×4 | 6×8 | 4×12 | 11×8 |
| 7×8 | 12×8 | 9×8 | 8×8 | 8×8 | 12×8 | 5×8 | 11×4 | 8×6 | 11×4 | 12×4 |
| 10×8 | 8×8 | 8×9 | 9×8 | 10×8 | 3×4 | 4×4 | 9×4 | 4×12 | 6×8 | 8×6 |
| 9×8 | 9×8 | 9×8 | 6×12 | 4×3 | 2×3 | 1×8 | 4×4 | 12×3 | 8×6 | 6×8 |
| 7×8 | 10×8 | 8×8 | 4×3 | 4×4 | 1×4 | 8×2 | 3×4 | 1×4 | 10×4 | 7×8 |
| 12×8 | 9×8 | 8×2 | 2×8 | 1×3 | 3×4 | 4×4 | 3×3 | 8×2 | 12×8 | 8×7 |
| 8×8 | 4×3 | 4×4 | 2×3 | 2×8 | 3×4 | 1×8 | 4×4 | 8×11 | 8×8 | 12×8 |
| 2×8 | 8×2 | 1×3 | 2×8 | 4×4 | 3×3 | 2×8 | 12×8 | 10×8 | 9×8 | 8×11 |
| 4×7 | 2×4 | 4×4 | 6×3 | 2×3 | 3×4 | 9×8 | 8×8 | 12×8 | 9×8 | 8×7 |
| 8×3 | 6×4 | 2×8 | 2×4 | 4×4 | 7×8 | 10×8 | 12×8 | 7×8 | 10×8 | 7×8 |
| 9×4 | 9×3 | 7×4 | 3×4 | 12×8 | 8×8 | 12×8 | 8×8 | 10×8 | 8×11 | 9×8 |
| 11×8 | 10×8 | 8×8 | 8×9 | 8×8 | 8×11 | 9×8 | 8×8 | 8×12 | 8×11 | 8×8 |

Opals

Under the Lights Multiplication Mosaic

Solve the multiplication problems to reveal the hidden picture. Each answer has a special colour.

0 - 10 = black

11 - 20 = red

21 - 30 = orange

31 - 40 = yellow

41 - 60 = green

61 - 80 = blue


81 - 100 = purple

>100 = pink

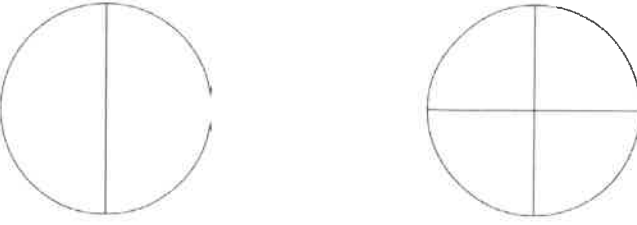
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|---------------|----------------|---------------|----------------|---------------|----------------|----------------|----------------|----------------|----------------|----------------|
| 3×6 | 2×6 | 4×7 | 2×11 | 5×6 | 4×9 | 1×9 | 9×4 | 10×6 | 5×11 | 7×7 |
| 2×7 | 11×2 | 3×9 | 3×8 | 5×8 | 6×1 | 6×6 | 1×7 | 8×6 | 5×9 | 9×8 |
| 3×8 | 4×7 | 4×10 | 3×12 | 6×6 | 3×2 | 6×7 | 4×1 | 8×8 | 6×11 | 11×6 |
| 2×11 | 8×4 | 6×6 | 4×9 | 7×7 | 5×1 | 5×2 | 10×7 | 7×9 | 12×6 | 9×9 |
| 6×6 | 4×10 | 7×5 | 11×4 | 9×1 | 2×2 | 8×8 | 9×7 | 7×11 | 8×12 | 12×7 |
| 5×7 | 6×6 | 7×7 | 1×10 | 12×4 | 3×3 | 10×7 | 7×9 | 11×9 | 9×11 | 12×8 |
| 4×9 | 5×9 | 1×7 | 5×12 | 8×8 | 1×6 | 3×1 | 12×8 | 7×12 | 9×10 | 10×12 |
| 5×12 | 10×6 | 2×4 | 9×7 | 1×6 | 3×3 | 12×8 | 1×7 | 10×10 | 11×12 | 9×12 |
| 12×4 | 11×5 | 1×4 | 10×7 | 8×9 | 5×2 | 10×10 | 2×4 | 11×11 | 12×11 | 12×9 |
| 9×5 | 10×7 | 8×8 | 4×2 | 7×1 | 1×6 | 10×1 | 9×12 | 12×9 | 12×10 | 2×6 |
| 7×11 | 8×8 | 6×11 | 10×10 | 9×9 | 5×2 | 11×12 | 11×11 | 10×11 | 7×2 | 2×7 |
| 10×7 | 9×8 | 12×7 | 4×2 | 12×8 | 1×5 | 12×9 | 12×9 | 5×3 | 3×6 | 2×6 |
| 12×6 | 10×10 | 1×6 | 1×1 | 3×2 | 2×5 | 9×12 | 5×3 | 2×10 | 5×3 | 4×6 |
| 8×12 | 11×9 | 8×12 | 3×2 | 1×9 | 11×11 | 3×6 | 2×6 | 5×3 | 5×6 | 5×5 |

Citruses + Emeralds
Comparing Fractions

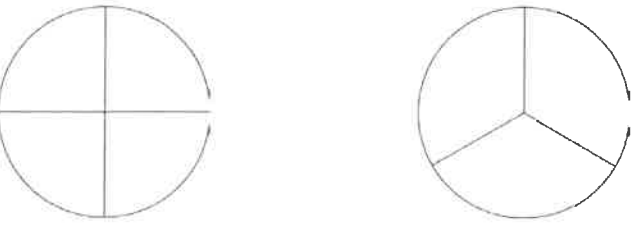
Shade correctly and write <, > or = to compare the fractions.



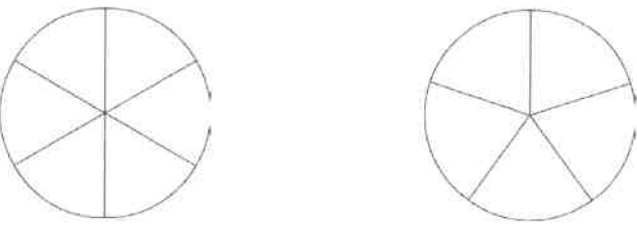
$\frac{1}{4}$ $\frac{2}{4}$



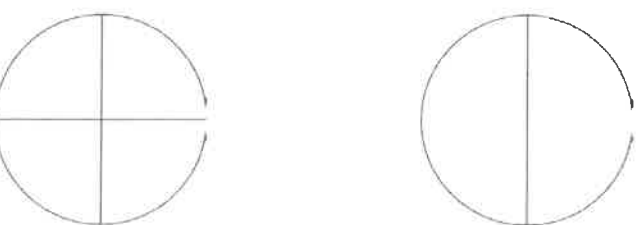
$\frac{1}{2}$ $\frac{3}{4}$



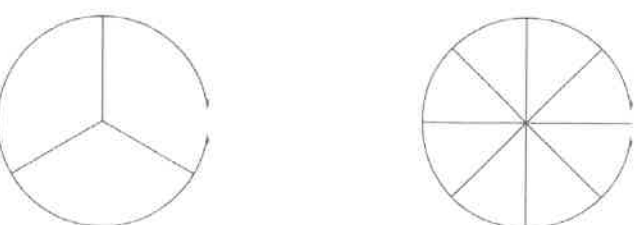
$\frac{3}{4}$ $\frac{2}{3}$



$\frac{4}{6}$ $\frac{1}{5}$



$\frac{4}{4}$ $\frac{1}{2}$

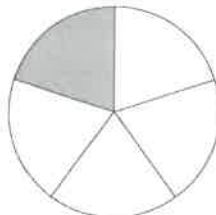
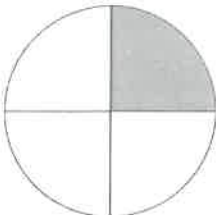


$\frac{1}{3}$ $\frac{3}{8}$

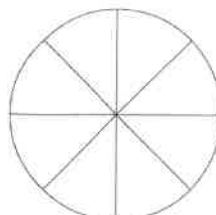
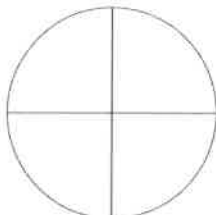
Sapphires

Comparing Fractions

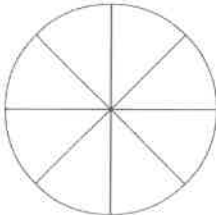
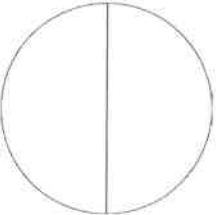
Shade correctly and write $<$, $>$ or $=$ to compare the fractions.



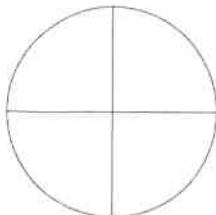

$\frac{1}{4}$ $\frac{1}{5}$



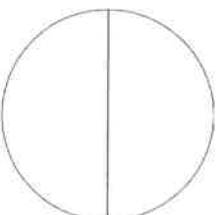
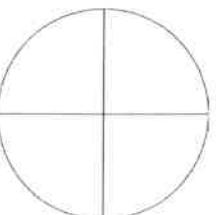
$\frac{2}{4}$ $\frac{6}{8}$



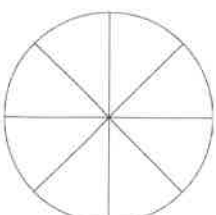

$\frac{1}{2}$ $\frac{5}{8}$



$\frac{2}{3}$ $\frac{2}{4}$



$\frac{2}{4}$ $\frac{1}{2}$



$\frac{1}{3}$ $\frac{3}{8}$

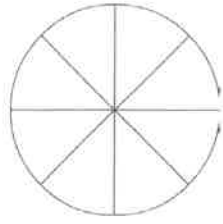
Amethysts

Comparing Fractions

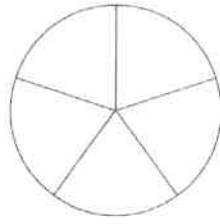
Shade correctly and write $<$, $>$ or $=$ to compare the fractions.



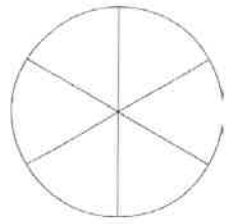
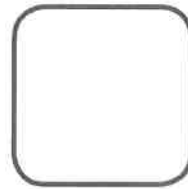
$$\frac{1}{3}$$



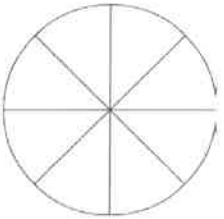
$$\frac{3}{8}$$



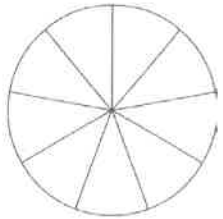
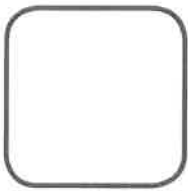
$$\frac{1}{5}$$



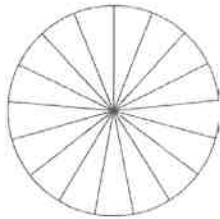
$$\frac{2}{6}$$



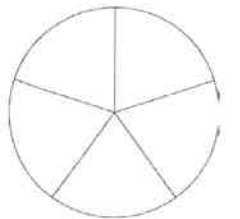
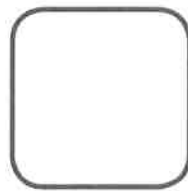
$$\frac{6}{8}$$



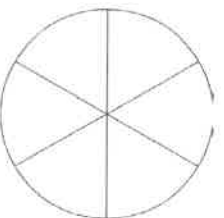
$$\frac{7}{9}$$



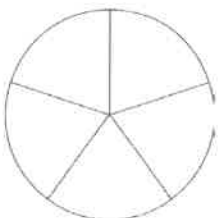
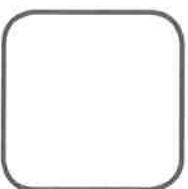
$$\frac{12}{17}$$



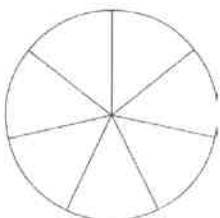
$$\frac{3}{5}$$



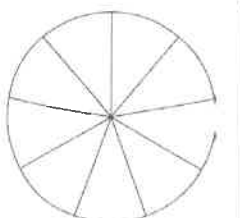
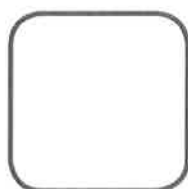
$$\frac{4}{6}$$



$$\frac{3}{5}$$



$$\frac{1}{7}$$



$$\frac{2}{9}$$