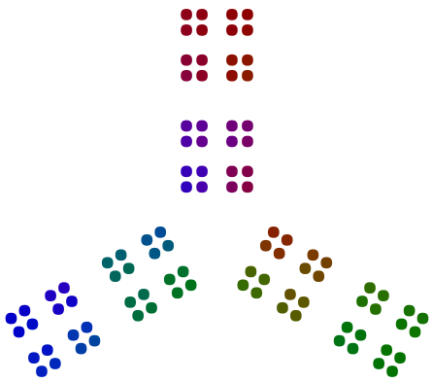
Number of the Week

01100000

XCVI

96

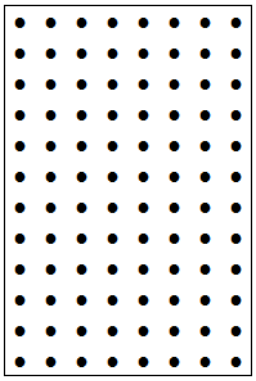
$2^5 \times 3$



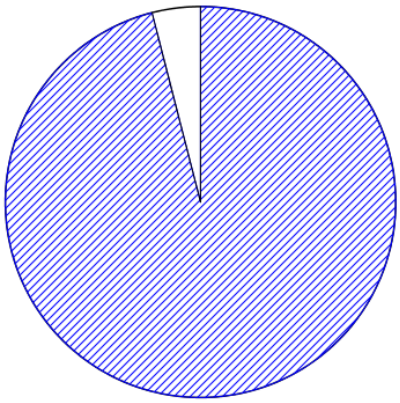
12 Factors

1×96
2×48
3×32
4×24
6×16
8×12

8×12



As a fraction of 100:

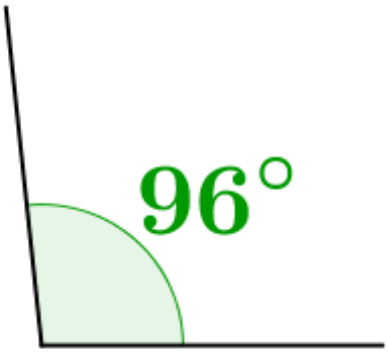


0.96

96%

$\frac{24}{25}$

As an angle in degrees:



$\frac{4}{15}$ *of a full turn*

$96^2 = 9216$

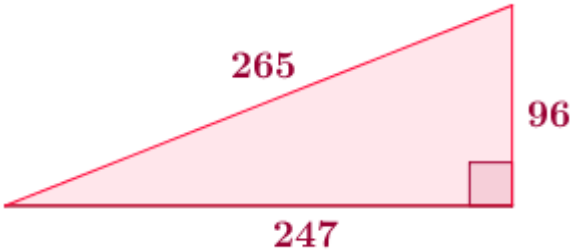
$\sqrt{96} = 4\sqrt{6} \approx 9.798$

$96\ hours = 4\ days$

$96\ days = 13\frac{5}{7}\ weeks$

$96\ months = 8\ years$

One leg of a Pythagorean triangle:



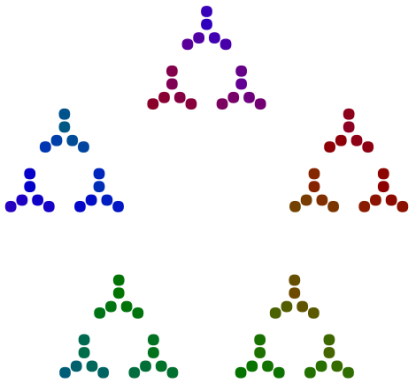
$96^2 + 247^2 = 265^2$

Number of the Week

01011010 *XC*

90

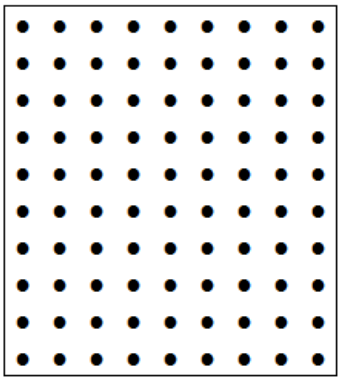
$2 \times 3^2 \times 5$



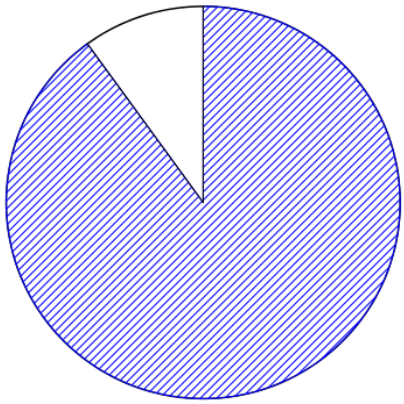
12 Factors

1×90
2×45
3×30
5×18
6×15
9×10

9×10



As a fraction of 100:

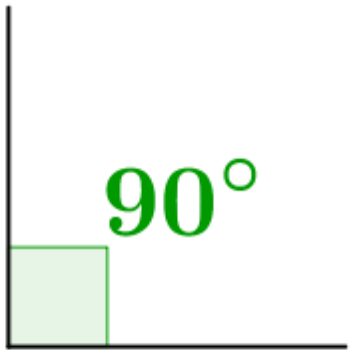


0.9

90%

$\frac{9}{10}$

As an angle in degrees:

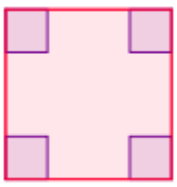


$\frac{1}{4}$ *of a full turn*

$90^2 = 8100$

$\sqrt{90} = 3\sqrt{10} \approx 9.487$

Interior angle of a square:



$90\ hours = 3\frac{2}{3}\ days$

$90\ days = 12\frac{6}{7}\ weeks$

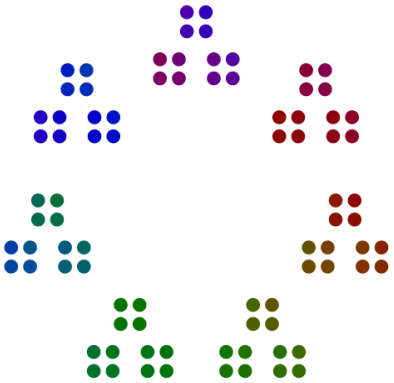
$90\ months = 7\frac{1}{2}\ years$

Number of the Week

01010100 *LXXXIV*

84

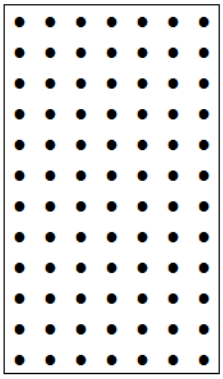
$2^2 \times 3 \times 7$



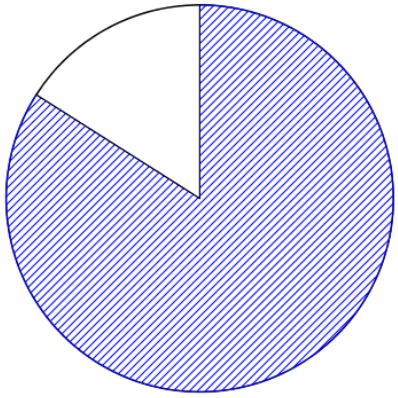
12 Factors

1×84
2×42
3×28
4×21
6×14
7×12

7×12



As a fraction of 100:

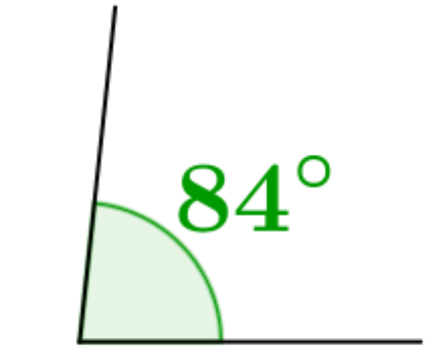


0.84

84%

$\frac{21}{25}$

As an angle in degrees:



$\frac{7}{30}$ *of a full turn*

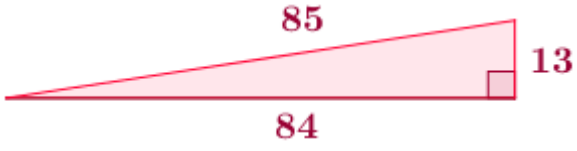
$84^2 = 7056$

$\sqrt{84} = 2\sqrt{21} \approx 9.165$

$84\ hours = 3\frac{1}{2}\ days$
$84\ days = 12\ weeks$
$84\ months = 7\ years$

84 is the number of ways to choose 3 objects from 9

One leg of a Pythagorean triangle:



$13^2 + 84^2 = 85^2$

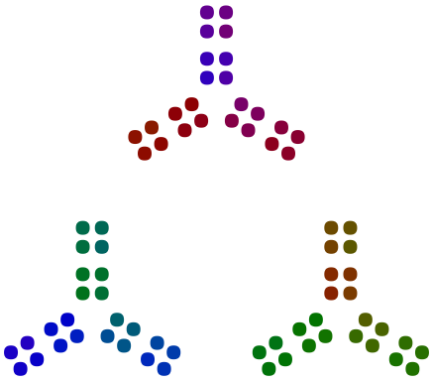
Number of the Week

01001000

LXXII

72

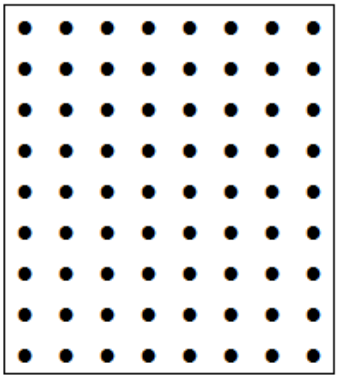
$2^3 \times 3^2$



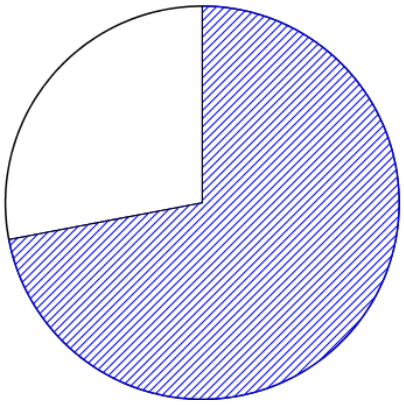
12 Factors

1×72
2×36
3×24
4×18
6×12
8×9

8×9



As a fraction of 100:

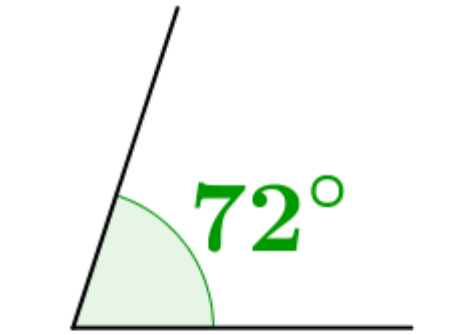


0.72

72%

$\frac{18}{25}$

As an angle in degrees:

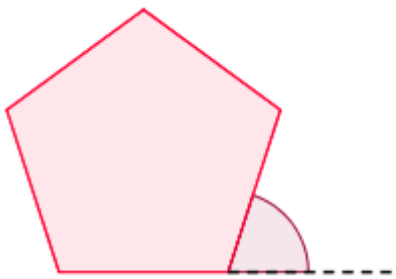


$\frac{1}{5}$ *of a full turn*

$72^2 = 5184$

$\sqrt{72} = 6\sqrt{2} \approx 8.485$

Exterior angle of a regular pentagon:



$72\ hours = 3\ days$

$72\ days = 10\frac{2}{7}\ weeks$

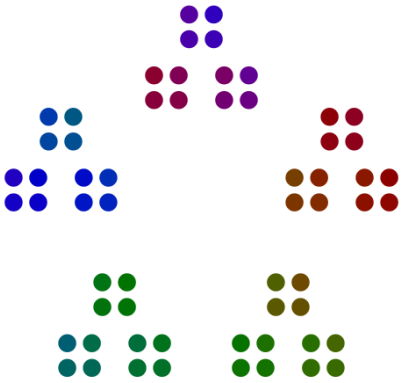
$72\ months = 6\ years$

Number of the Week

00111100 *LX*

60

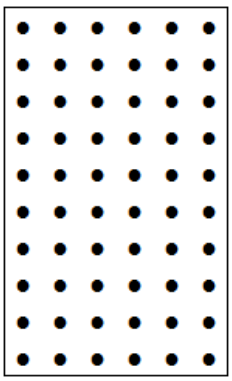
$2^2 \times 3 \times 5$



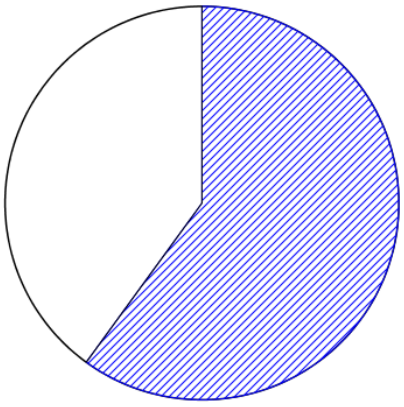
12 Factors

1×60
2×30
3×20
4×15
5×12
6×10

6×10



As a fraction of 100:

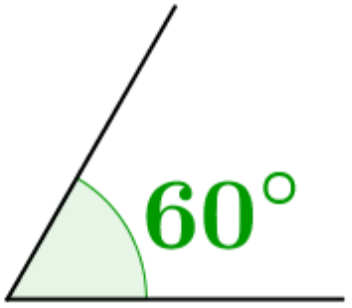


0.6

60%

$\frac{3}{5}$

As an angle in degrees:

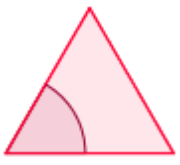


$\frac{1}{6}$ *of a full turn*

$60^2 = 3600$

$\sqrt{60} = 2\sqrt{15} \approx 7.746$

Interior angle of an equilateral triangle:



$60\ hours = 2\frac{1}{2}\ days$

$60\ days = 8\frac{4}{7}\ weeks$

$60\ months = 5\ years$

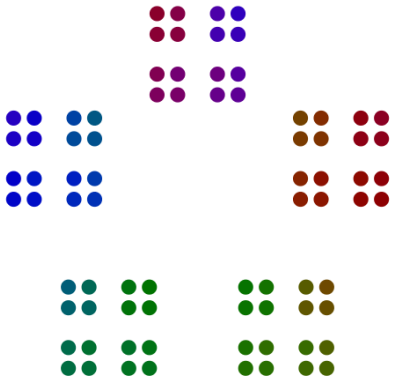
Number of the Week

01010000

LXXX

80

$2^4 \times 5$



10 Factors

1×80

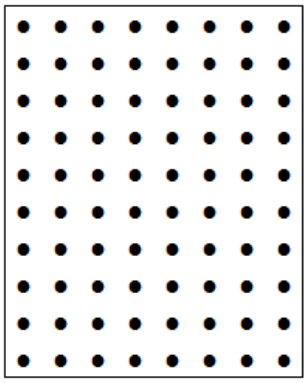
2×40

4×20

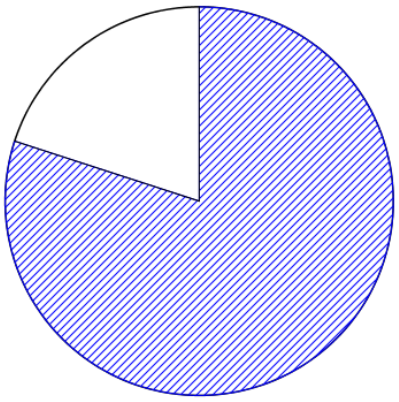
5×16

8×10

8×10



As a fraction of 100:

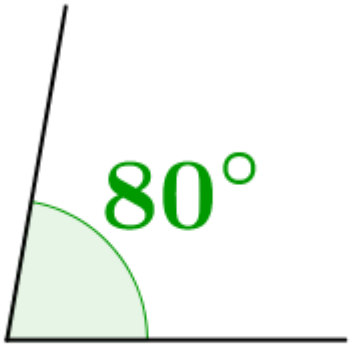


0.8

80%

$\frac{4}{5}$

As an angle in degrees:



$\frac{2}{9}$ *of a full turn*

$80^2 = 6400$

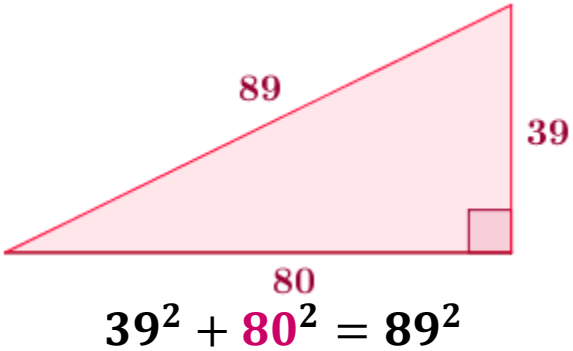
$\sqrt{80} = 4\sqrt{5} \approx 8.944$

$80\ hours = 3\frac{1}{3}\ days$

$80\ days = 11\frac{3}{7}\ weeks$

$80\ months = 6\frac{2}{3}\ years$

One leg of a Pythagorean triangle:



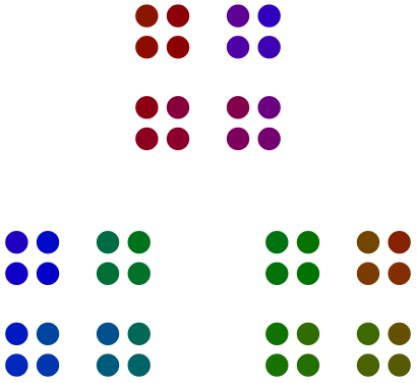
$39^2 + 80^2 = 89^2$

Number of the Week

00110000 *XLVIII*

48

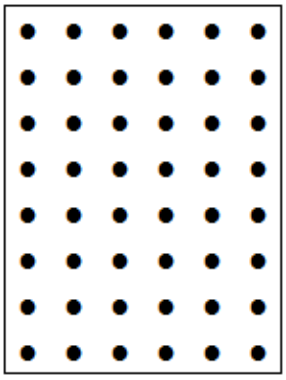
$2^4 \times 3$



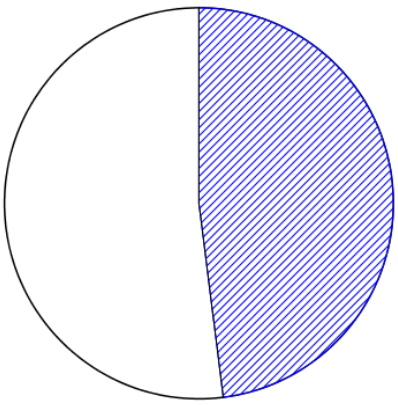
10 Factors

1×48
2×24
3×16
4×12
6×8

6×8



As a fraction of 100:

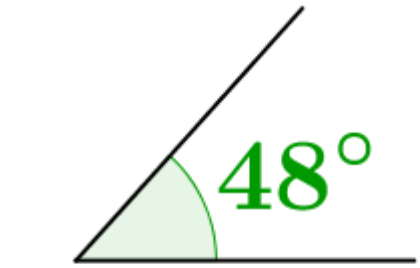


0.48

48%

$\frac{12}{25}$

As an angle in degrees:

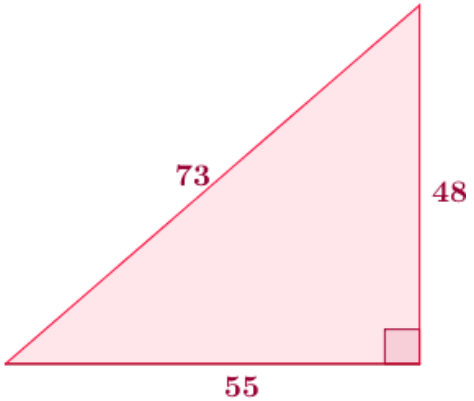


$\frac{2}{15}$ *of a full turn*

$48^2 = 2304$

$\sqrt{48} = 4\sqrt{3} \approx 6.928$

One leg of a Pythagorean triangle:



$55^2 + 48^2 = 73^2$

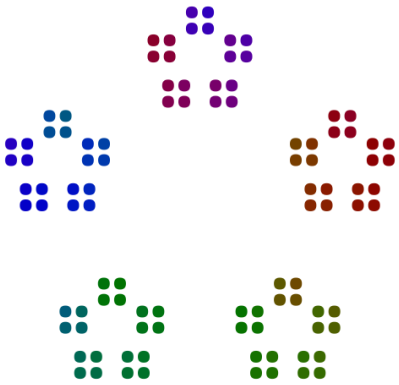
$48\ hours = 2\ days$
$48\ days = 6\frac{6}{7}\ weeks$
$48\ months = 4\ years$

Number of the Week

01100100 *C*

100

$2^2 \times 5^2$



9 Factors

1×100

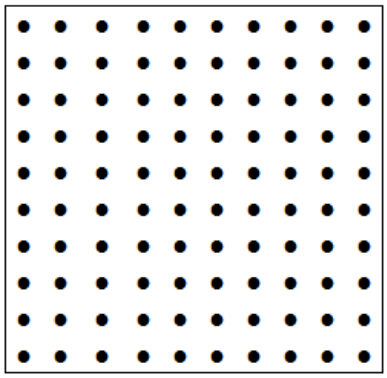
2×50

4×25

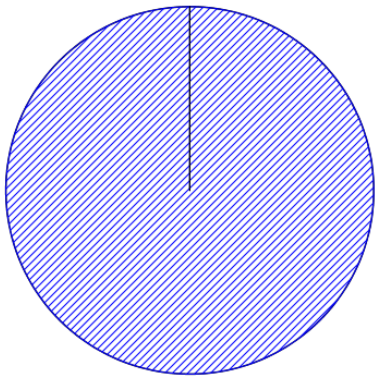
5×20

10×10

10×10



As a fraction of 100:

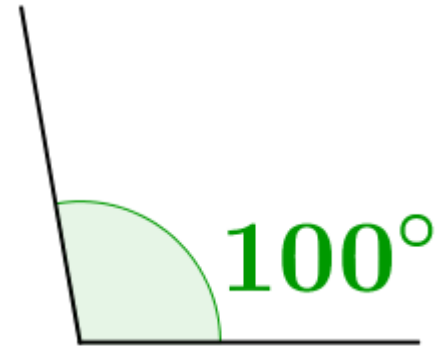


1

100%

$\frac{1}{1}$

As an angle in degrees:



$\frac{5}{18}$ *of a full turn*

$100^2 = 10000$

$\sqrt{100} = 10$

$100\ hours = 4\frac{1}{6}\ days$

$100\ days = 14\frac{2}{7}\ weeks$

$100\ months = 8\frac{1}{3}\ years$

$100\ centimetres = 1\ metre$

$100\ pence = £1$

$100°C$ is the boiling point of water

$100km$ is the altitude of outer space