

# Year 5

# Maths Resources



100%

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10%

10%

# Percentages

# Fractions

One Whole

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

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

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

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

$\frac{1}{6}$   $\frac{1}{6}$   $\frac{1}{6}$   $\frac{1}{6}$   $\frac{1}{6}$   $\frac{1}{6}$

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

$\frac{1}{10}$   $\frac{1}{10}$   $\frac{1}{10}$   $\frac{1}{10}$   $\frac{1}{10}$   $\frac{1}{10}$   $\frac{1}{10}$   $\frac{1}{10}$   $\frac{1}{10}$   $\frac{1}{10}$

$\frac{1}{12}$   $\frac{1}{12}$   $\frac{1}{12}$   $\frac{1}{12}$   $\frac{1}{12}$   $\frac{1}{12}$   $\frac{1}{12}$   $\frac{1}{12}$   $\frac{1}{12}$   $\frac{1}{12}$   $\frac{1}{12}$   $\frac{1}{12}$



# Fractions




0.01	0.02	0.03	0.04	0.05	0.06	0.07	0.08	0.09
0.1	0.2	0.3	0.4	0.5	0.6	0.7	0.8	0.9
1	2	3	4	5	6	7	8	9
10	20	30	40	50	60	70	80	90
100	200	300	400	500	600	700	800	900

Ten  
Thousands

Thousands

Hundreds

Tens

Ones



Millions	Hundred Thousands	Ten Thousands	Thousands	Hundreds	Tens	Ones

Millions	Hundred Thousands	Ten Thousands	Thousands	Hundreds	Tens	Ones	Tenths	Hundredths	Thousandths



# Multiplication & Division Facts

## 2

$1 \times 2 = 2$     $2 \div 2 = 1$   
 $2 \times 2 = 4$     $4 \div 2 = 2$   
 $3 \times 2 = 6$     $6 \div 2 = 3$   
 $4 \times 2 = 8$     $8 \div 2 = 4$   
 $5 \times 2 = 10$     $10 \div 2 = 5$   
 $6 \times 2 = 12$     $12 \div 2 = 6$   
 $7 \times 2 = 14$     $14 \div 2 = 7$   
 $8 \times 2 = 16$     $16 \div 2 = 8$   
 $9 \times 2 = 18$     $18 \div 2 = 9$   
 $10 \times 2 = 20$     $20 \div 2 = 10$   
 $11 \times 2 = 22$     $22 \div 2 = 11$   
 $12 \times 2 = 24$     $24 \div 2 = 12$

## 3

$1 \times 3 = 3$     $3 \div 3 = 1$   
 $2 \times 3 = 6$     $6 \div 3 = 2$   
 $3 \times 3 = 9$     $9 \div 3 = 3$   
 $4 \times 3 = 12$     $12 \div 3 = 4$   
 $5 \times 3 = 15$     $15 \div 3 = 5$   
 $6 \times 3 = 18$     $18 \div 3 = 6$   
 $7 \times 3 = 21$     $21 \div 3 = 7$   
 $8 \times 3 = 24$     $24 \div 3 = 8$   
 $9 \times 3 = 27$     $27 \div 3 = 9$   
 $10 \times 3 = 30$     $30 \div 3 = 10$   
 $11 \times 3 = 33$     $33 \div 3 = 11$   
 $12 \times 3 = 36$     $36 \div 3 = 12$

## 4

$1 \times 4 = 4$     $4 \div 4 = 1$   
 $2 \times 4 = 8$     $8 \div 4 = 2$   
 $3 \times 4 = 12$     $12 \div 4 = 3$   
 $4 \times 4 = 16$     $16 \div 4 = 4$   
 $5 \times 4 = 20$     $20 \div 4 = 5$   
 $6 \times 4 = 24$     $24 \div 4 = 6$   
 $7 \times 4 = 28$     $28 \div 4 = 7$   
 $8 \times 4 = 32$     $32 \div 4 = 8$   
 $9 \times 4 = 36$     $36 \div 4 = 9$   
 $10 \times 4 = 40$     $40 \div 4 = 10$   
 $11 \times 4 = 44$     $44 \div 4 = 11$   
 $12 \times 4 = 48$     $48 \div 4 = 12$

## 5

$1 \times 5 = 5$     $5 \div 5 = 1$   
 $2 \times 5 = 10$     $10 \div 5 = 2$   
 $3 \times 5 = 15$     $15 \div 5 = 3$   
 $4 \times 5 = 20$     $20 \div 5 = 4$   
 $5 \times 5 = 25$     $25 \div 5 = 5$   
 $6 \times 5 = 30$     $30 \div 5 = 6$   
 $7 \times 5 = 35$     $35 \div 5 = 7$   
 $8 \times 5 = 40$     $40 \div 5 = 8$   
 $9 \times 5 = 45$     $45 \div 5 = 9$   
 $10 \times 5 = 50$     $50 \div 5 = 10$   
 $11 \times 5 = 55$     $55 \div 5 = 11$   
 $12 \times 5 = 60$     $60 \div 5 = 12$

## 6

$1 \times 6 = 6$     $6 \div 6 = 1$   
 $2 \times 6 = 12$     $12 \div 6 = 2$   
 $3 \times 6 = 18$     $18 \div 6 = 3$   
 $4 \times 6 = 24$     $24 \div 6 = 4$   
 $5 \times 6 = 30$     $30 \div 6 = 5$   
 $6 \times 6 = 36$     $36 \div 6 = 6$   
 $7 \times 6 = 42$     $42 \div 6 = 7$   
 $8 \times 6 = 48$     $48 \div 6 = 8$   
 $9 \times 6 = 54$     $54 \div 6 = 9$   
 $10 \times 6 = 60$     $60 \div 6 = 10$   
 $11 \times 6 = 66$     $66 \div 6 = 11$   
 $12 \times 6 = 72$     $72 \div 6 = 12$

## 7

$1 \times 7 = 7$     $7 \div 7 = 1$   
 $2 \times 7 = 14$     $14 \div 7 = 2$   
 $3 \times 7 = 21$     $21 \div 7 = 3$   
 $4 \times 7 = 28$     $28 \div 7 = 4$   
 $5 \times 7 = 35$     $35 \div 7 = 5$   
 $6 \times 7 = 42$     $42 \div 7 = 6$   
 $7 \times 7 = 49$     $49 \div 7 = 7$   
 $8 \times 7 = 56$     $56 \div 7 = 8$   
 $9 \times 7 = 63$     $63 \div 7 = 9$   
 $10 \times 7 = 70$     $70 \div 7 = 10$   
 $11 \times 7 = 77$     $77 \div 7 = 11$   
 $12 \times 7 = 84$     $84 \div 7 = 12$

## 8

$1 \times 8 = 8$     $8 \div 8 = 1$   
 $2 \times 8 = 16$     $16 \div 8 = 2$   
 $3 \times 8 = 24$     $24 \div 8 = 3$   
 $4 \times 8 = 32$     $32 \div 8 = 4$   
 $5 \times 8 = 40$     $40 \div 8 = 5$   
 $6 \times 8 = 48$     $48 \div 8 = 6$   
 $7 \times 8 = 56$     $56 \div 8 = 7$   
 $8 \times 8 = 64$     $64 \div 8 = 8$   
 $9 \times 8 = 72$     $72 \div 8 = 9$   
 $10 \times 8 = 80$     $80 \div 8 = 10$   
 $11 \times 8 = 88$     $88 \div 8 = 11$   
 $12 \times 8 = 96$     $96 \div 8 = 12$

## 9

$1 \times 9 = 9$     $9 \div 9 = 1$   
 $2 \times 9 = 18$     $18 \div 9 = 2$   
 $3 \times 9 = 27$     $27 \div 9 = 3$   
 $4 \times 9 = 36$     $36 \div 9 = 4$   
 $5 \times 9 = 45$     $45 \div 9 = 5$   
 $6 \times 9 = 54$     $54 \div 9 = 6$   
 $7 \times 9 = 63$     $63 \div 9 = 7$   
 $8 \times 9 = 72$     $72 \div 9 = 8$   
 $9 \times 9 = 81$     $81 \div 9 = 9$   
 $10 \times 9 = 90$     $90 \div 9 = 10$   
 $11 \times 9 = 99$     $99 \div 9 = 11$   
 $12 \times 9 = 108$     $108 \div 9 = 12$

## 10

$1 \times 10 = 10$     $10 \div 10 = 1$   
 $2 \times 10 = 20$     $20 \div 10 = 2$   
 $3 \times 10 = 30$     $30 \div 10 = 3$   
 $4 \times 10 = 40$     $40 \div 10 = 4$   
 $5 \times 10 = 50$     $50 \div 10 = 5$   
 $6 \times 10 = 60$     $60 \div 10 = 6$   
 $7 \times 10 = 70$     $70 \div 10 = 7$   
 $8 \times 10 = 80$     $80 \div 10 = 8$   
 $9 \times 10 = 90$     $90 \div 10 = 9$   
 $10 \times 10 = 100$     $100 \div 10 = 10$   
 $11 \times 10 = 110$     $110 \div 10 = 11$   
 $12 \times 10 = 120$     $120 \div 10 = 12$

## 11

$1 \times 11 = 11$     $11 \div 11 = 1$   
 $2 \times 11 = 22$     $22 \div 11 = 2$   
 $3 \times 11 = 33$     $33 \div 11 = 3$   
 $4 \times 11 = 44$     $44 \div 11 = 4$   
 $5 \times 11 = 55$     $55 \div 11 = 5$   
 $6 \times 11 = 66$     $66 \div 11 = 6$   
 $7 \times 11 = 77$     $77 \div 11 = 7$   
 $8 \times 11 = 88$     $88 \div 11 = 8$   
 $9 \times 11 = 99$     $99 \div 11 = 9$   
 $10 \times 11 = 110$     $110 \div 11 = 10$   
 $11 \times 11 = 121$     $121 \div 11 = 11$   
 $12 \times 11 = 132$     $132 \div 11 = 12$

## 12

$1 \times 12 = 12$     $12 \div 12 = 1$   
 $2 \times 12 = 24$     $24 \div 12 = 2$   
 $3 \times 12 = 36$     $36 \div 12 = 3$   
 $4 \times 12 = 48$     $48 \div 12 = 4$   
 $5 \times 12 = 60$     $60 \div 12 = 5$   
 $6 \times 12 = 72$     $72 \div 12 = 6$   
 $7 \times 12 = 84$     $84 \div 12 = 7$   
 $8 \times 12 = 96$     $96 \div 12 = 8$   
 $9 \times 12 = 108$     $108 \div 12 = 9$   
 $10 \times 12 = 120$     $120 \div 12 = 10$   
 $11 \times 12 = 132$     $132 \div 12 = 11$   
 $12 \times 12 = 144$     $144 \div 12 = 12$

# Number Line



0



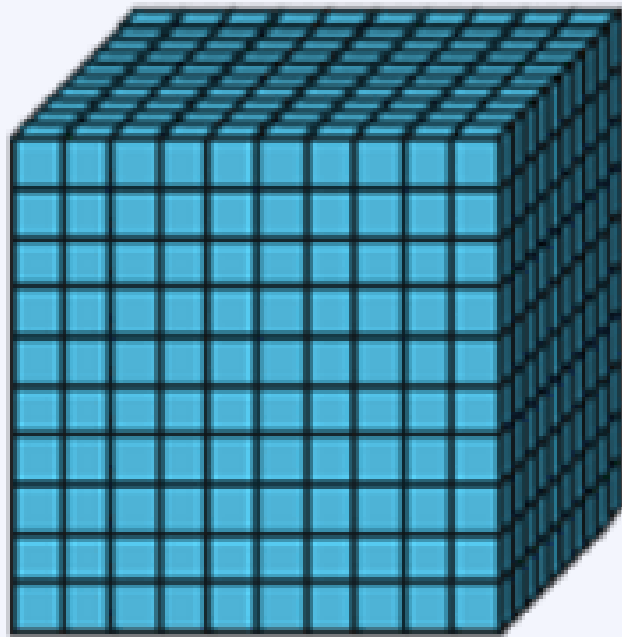
# Number Line



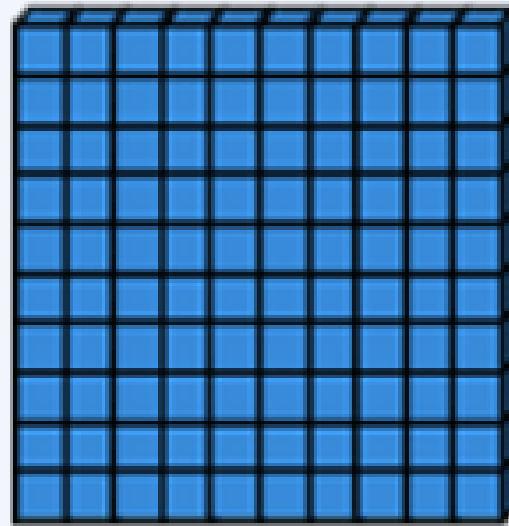
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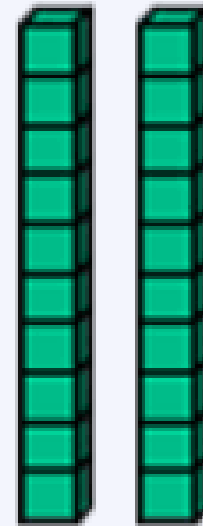
# Dienes Blocks



Thousands



Hundreds



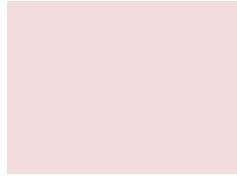
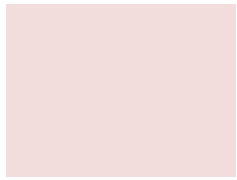
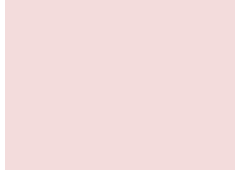
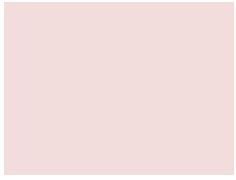
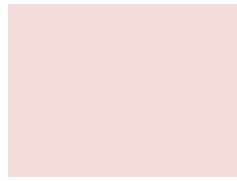
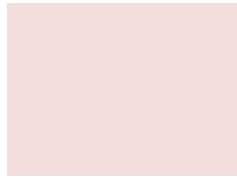
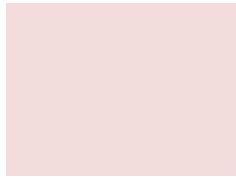
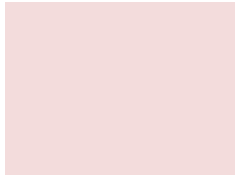
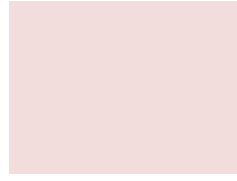
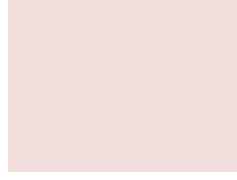
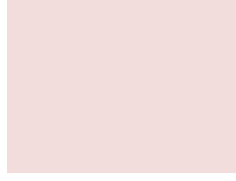
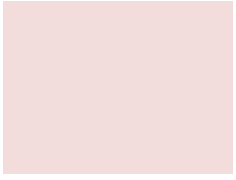
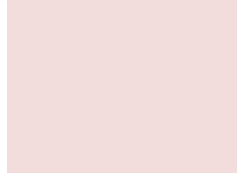
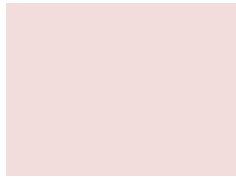
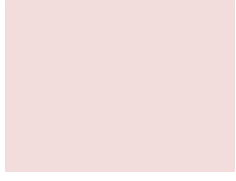
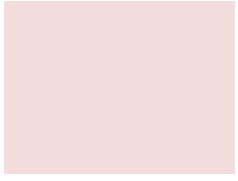
Tens



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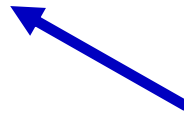
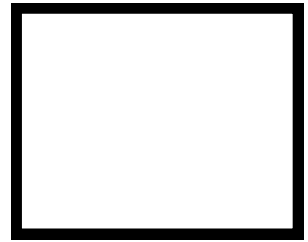
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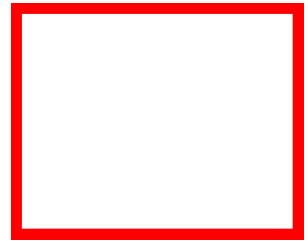
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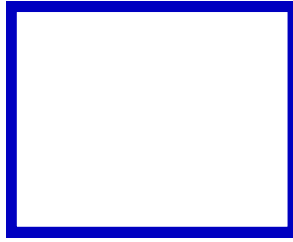


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