

**one more than**

$$5 + 1 = 6$$

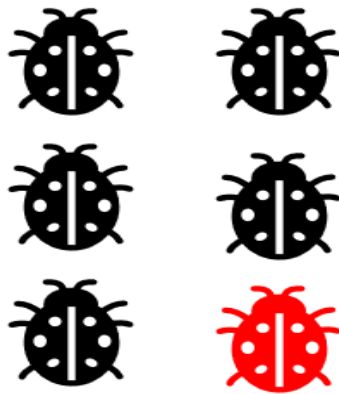


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County Council

Improvement and  
Advisory Service

Picture, model, or diagram

Non-Example



$$5 + 4 = 9$$

one less than

$$5 - 1 = 4$$

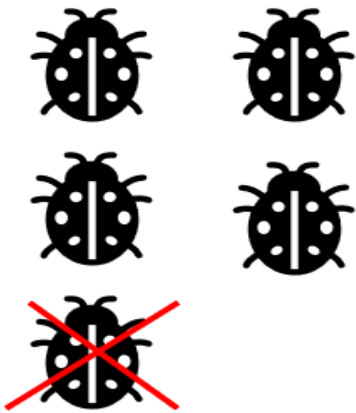


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County Council

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Advisory Service

Picture, model, or diagram

Non-Example



$$5 - 3 = 2$$

Word

Example

number

8

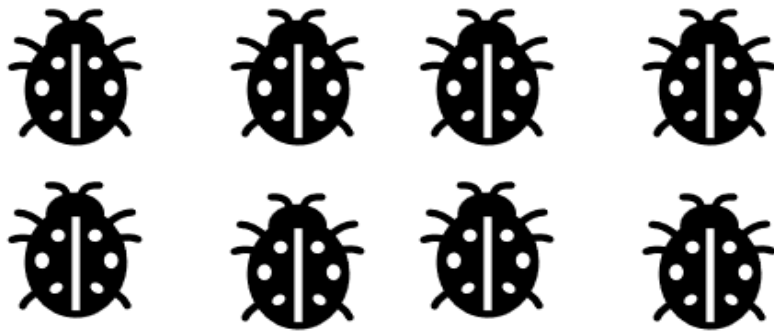


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Advisory Service

Picture, model, or diagram

Non-Example



A

Word

ones

Example

5

Five *ones*



Picture, model, or diagram

| H | T | O                                                                                        |
|---|---|------------------------------------------------------------------------------------------|
|   |   | <br>5 |

Non-Example

20

Two *tens*

Word

tens

Example

30

Three *tens*



Picture, model, or diagram

| H | T                                                                                       | O |
|---|-----------------------------------------------------------------------------------------|---|
|   | <br>3 |   |

Non-Example

6

Six ones

greater than

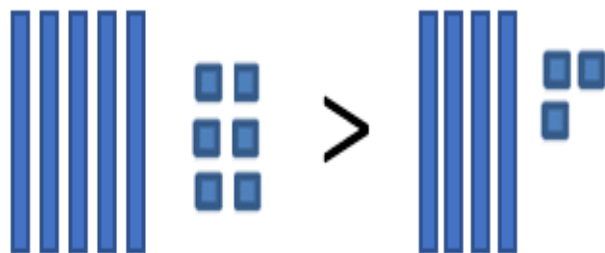
$$56 > 43$$



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Advisory Service

Picture, model, or diagram



$$56 = 50 + 6$$

less than

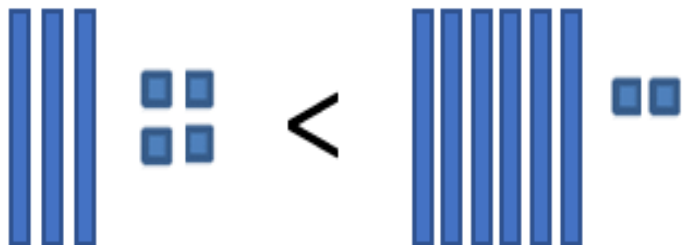
$$34 < 62$$



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Advisory Service

Picture, model, or diagram



$$34 = 30 + 4$$

**number bond**  
**(to 10)**

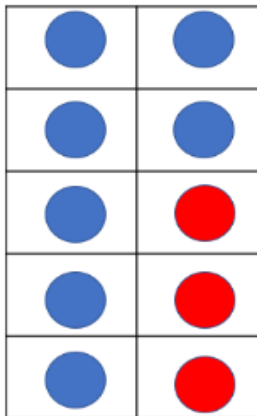
$$7 + 3 = 10$$



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Advisory Service

Picture, model, or diagram



Non-Example

**18**

zero

$$8 - 8 = 0$$



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Advisory Service

Picture, model, or diagram

Non-Example



18

Word

Example

add

$$3 + 2$$

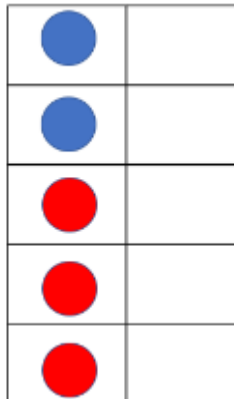


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Advisory Service

Picture, model, or diagram

Non-Example



3

subtract

$$24 - 4$$

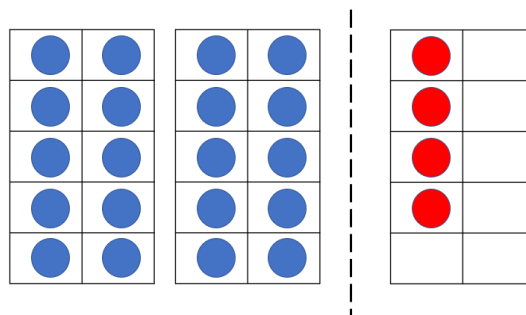


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Advisory Service

Picture, model, or diagram

Non-Example



20

Word

Example

part

$$3 + 2 = 5$$



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Advisory Service

Picture, model, or diagram

Non-Example

| Whole |      |
|-------|------|
| Part  | Part |

5

whole

$$3 + 2 = 5$$



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| Whole |      |
|-------|------|
| Part  | Part |

$$3 + \square$$

inverse

$$20 + 4 = 24$$

$$24 - 4 = 20$$

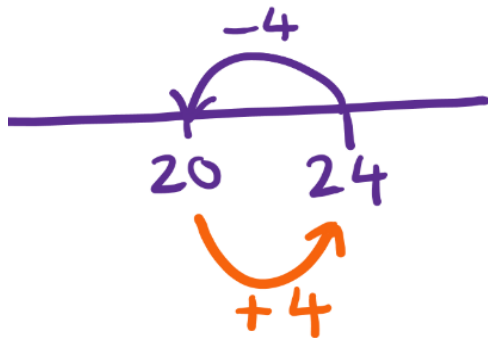


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Advisory Service

Picture, model, or diagram

Non-Example



$$20 - 5 = 15$$

$$20 - 4 = 16$$

**groups of**

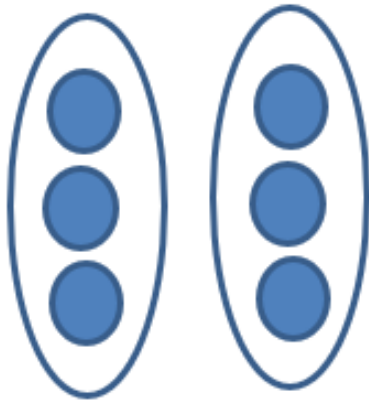
**2 groups of 3 is the same as 6**



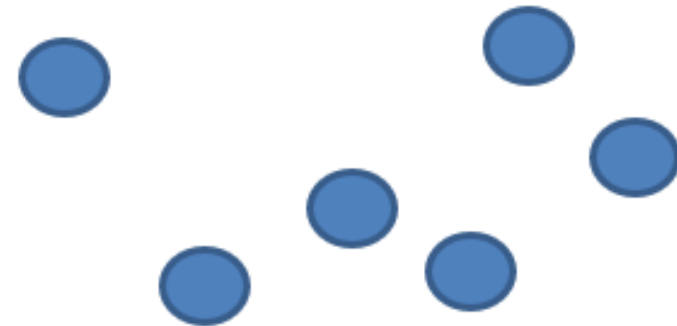
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Picture, model, or diagram



Non-Example



# array

# 2 rows of 3

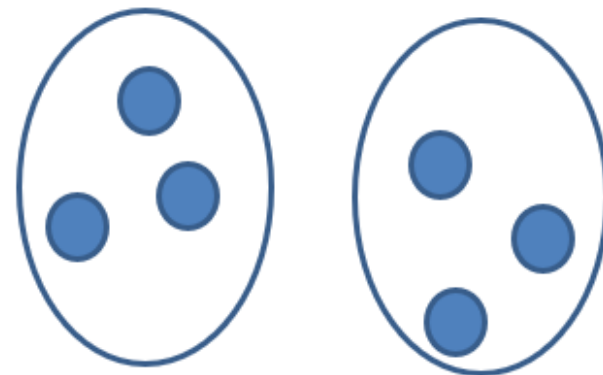
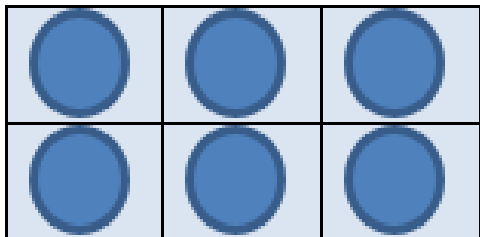


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Picture, model, or diagram

Non-Example



# Double

$$3 \times 2 = 6$$



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Advisory Service

Picture, model, or diagram

|   |   |
|---|---|
| 6 |   |
| 3 | 3 |

|                                                                                     |                                                                                     |
|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|
|    |    |
|   |   |
|  |  |
|                                                                                     |                                                                                     |
|                                                                                     |                                                                                     |

Non-Example

$$6 \div 3 = 2$$

equal groups

$$3 + 3 + 3 + 3 + 3 + 3 = 18$$



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Advisory Service

Picture, model, or diagram

Non-Example



$$3 + 4 + 2 = 9$$

# Divide

$$12 \div 3 = 4$$



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Advisory Service

Picture, model, or diagram

Non-Example

|    |   |   |
|----|---|---|
| 12 |   |   |
| 4  | 4 | 4 |



$$12 + 3 = 15$$

multiply

$$3 \times 5 = 15$$

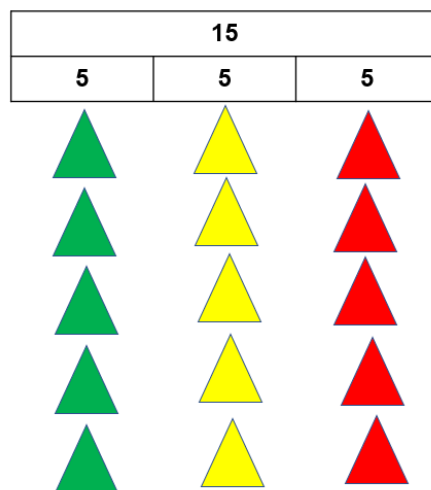


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Advisory Service

Picture, model, or diagram

Non-Example



$$13 - 5 = 8$$

**one whole**

$$\frac{1}{2} + \frac{1}{2} = 1$$



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

Word

Example

one half

$\frac{1}{2}$

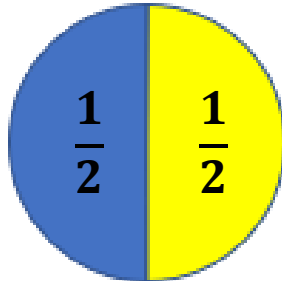


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Advisory Service

Picture, model, or diagram

Non-Example



$\frac{1}{4}$

Word

Example

one quarter

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

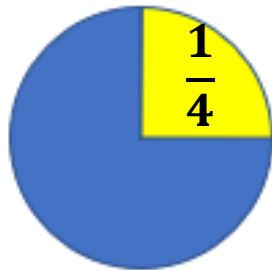


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Advisory Service

Picture, model, or diagram

Non-Example



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

two quarters

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

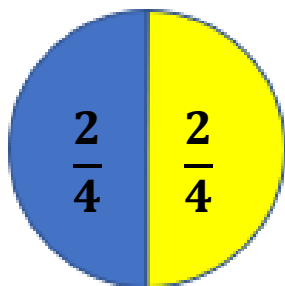


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Picture, model, or diagram

Non-Example



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

three quarters

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

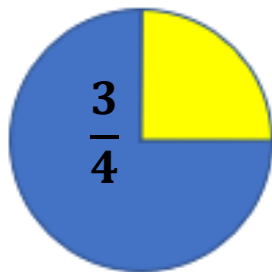


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Picture, model, or diagram

Non-Example



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

Word

Example

longer

The green line is **longer than** the blue line



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Advisory Service

Picture, model, or diagram

Non-Example



These lines are the same length

Word

Example

**shorter**

The blue line is **shorter** than the green line



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Advisory Service

Picture, model, or diagram

Non-Example

**shorter** 

**longer** 



These lines are the same length

hour

60 minutes = 1 hour



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Picture, model, or diagram

Non-Example



10 minutes

**Pound (£)**

**100 pence = £1 (1 pound)**



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Picture, model, or diagram

Non-Example



**100 cm = 1 metre**

pence

100 pence = £ 1 (1 pound)



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Picture, model, or diagram

Non-Example



Two pence  
2p

100 cm = 1 metre

**minute**

**60 minutes = 1 hour**



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Picture, model, or diagram

Non-Example



This clock is showing 7 minutes past 4

**12 months = 1 year**

# temperature

It is hot today,  
the **temperature** is very high.



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Picture, model, or diagram



This thermometer measures **temperature**

Non-Example

It is raining today; I am getting wet.



Word

Example

rectangle



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Advisory Service

Picture, model, or diagram

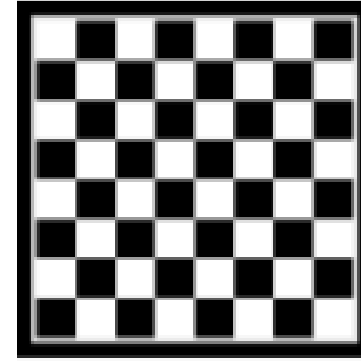
Non-Example



Word

Example

square

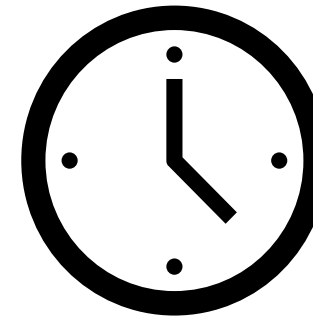
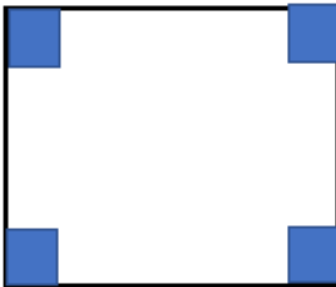


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Advisory Service

Picture, model, or diagram

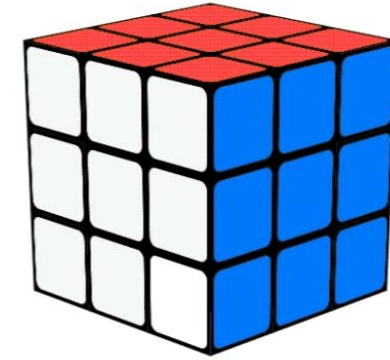
Non-Example



Word

Example

**cube**

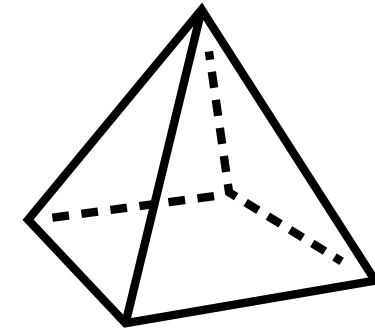
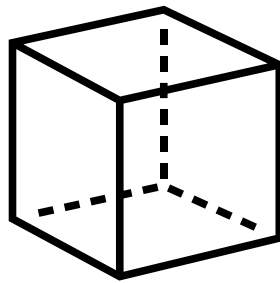


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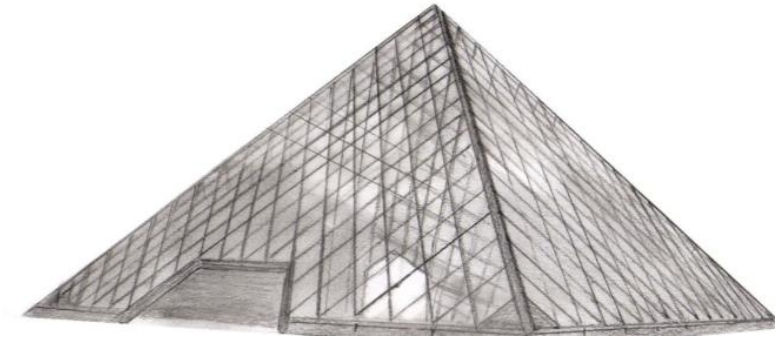
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Advisory Service

Picture, model, or diagram

Non-Example



# pyramid

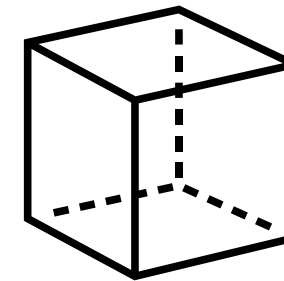
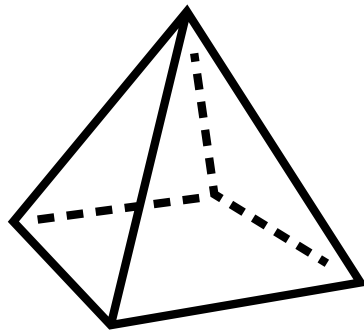


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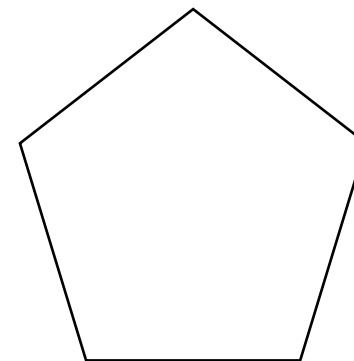
Improvement and  
Advisory Service

Picture, model, or diagram

Non-Example



# 2-D shape

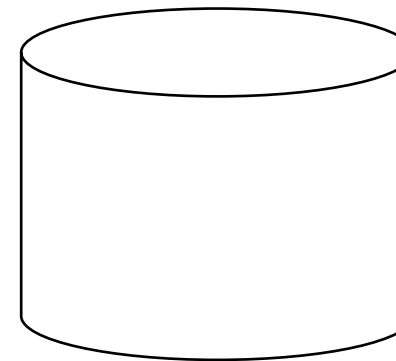
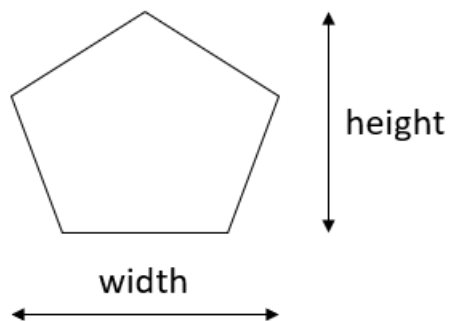


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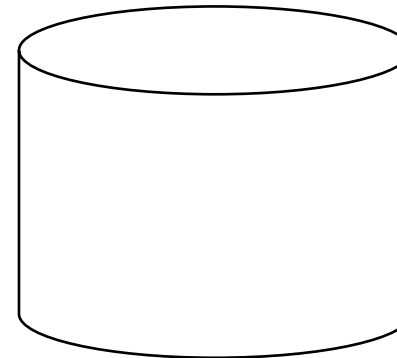
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Advisory Service

Picture, model, or diagram

Non-Example



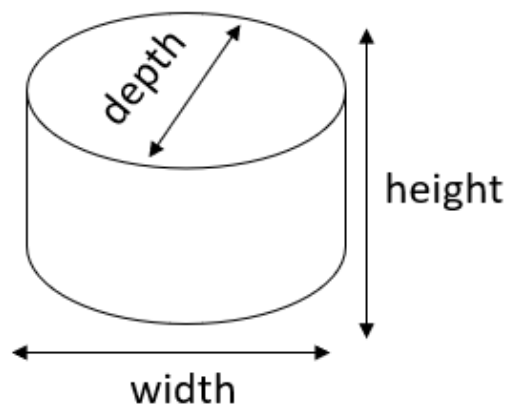
# 3-D shape



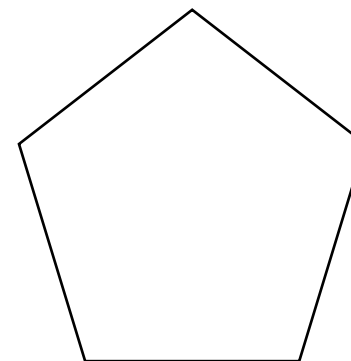
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Picture, model, or diagram



Non-Example



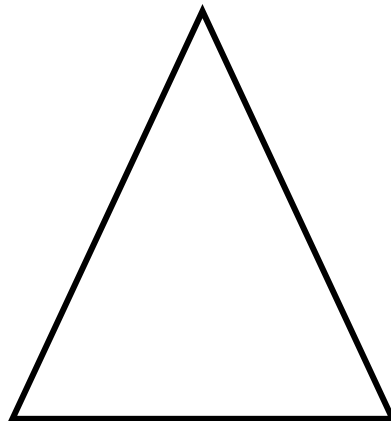
# triangle



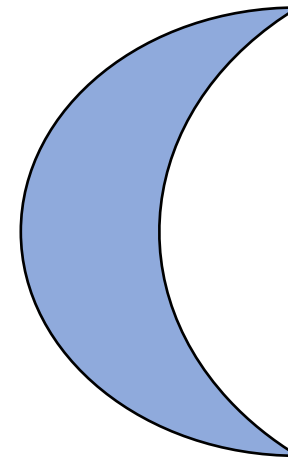
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Picture, model, or diagram



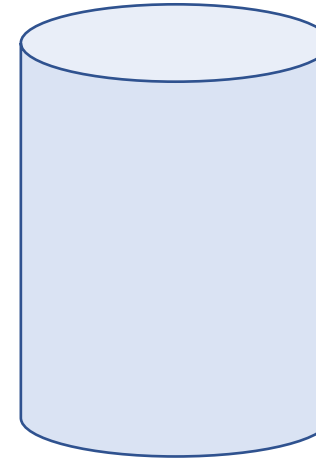
Non-Example



Word

Example

**cylinder**

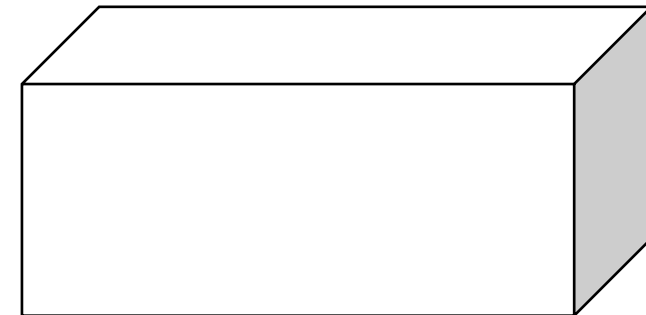
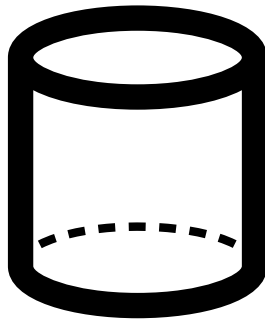


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Picture, model, or diagram

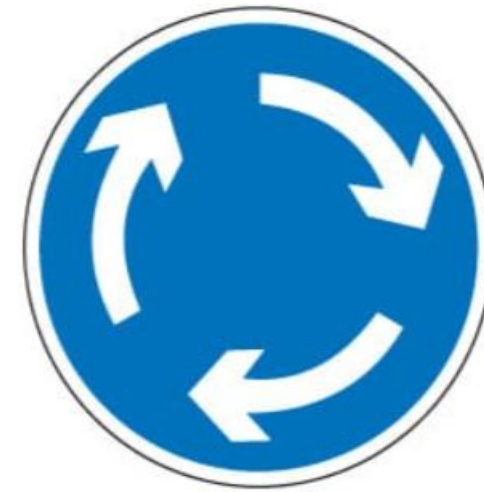
Non-Example



Word

Example

**whole turn**

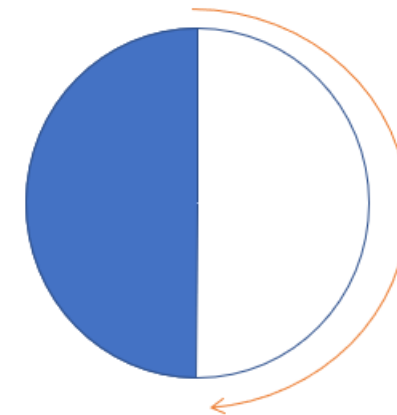
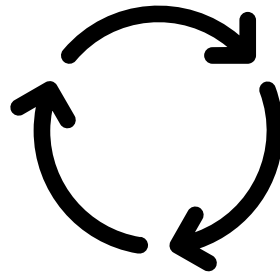


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Picture, model, or diagram

Non-Example



Word

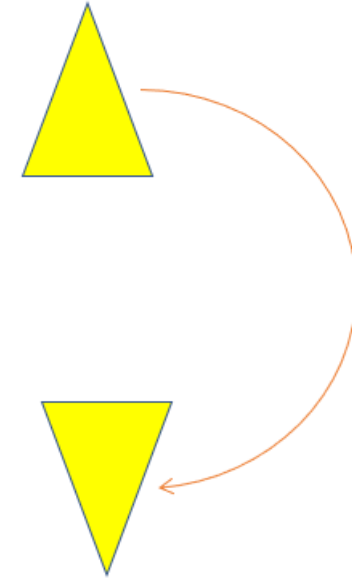
Example

# half turn



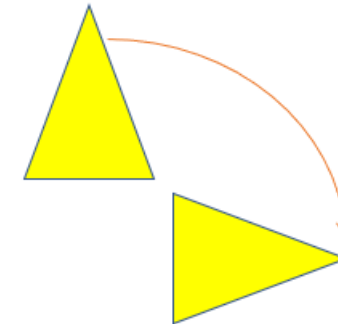
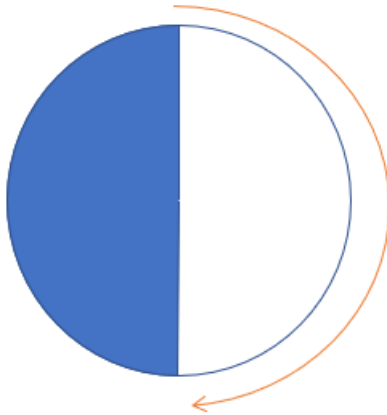
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Picture, model, or diagram

Non-Example



# pattern

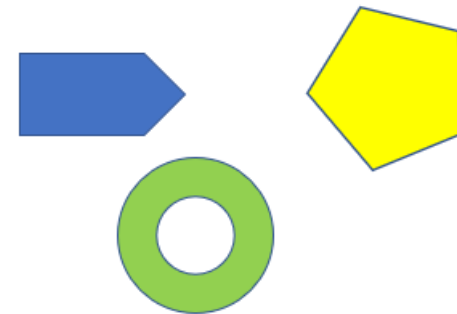


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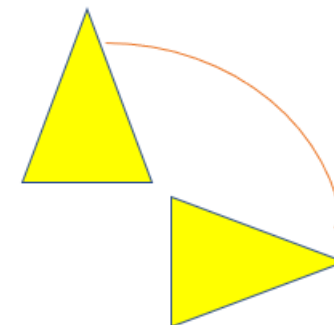
Improvement and  
Advisory Service

Picture, model, or diagram

Non-Example



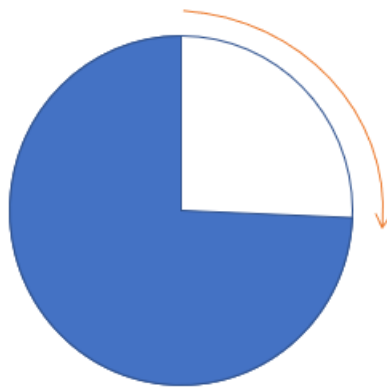
# quarter turn



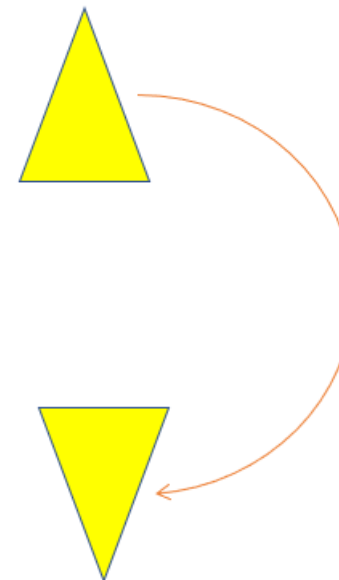
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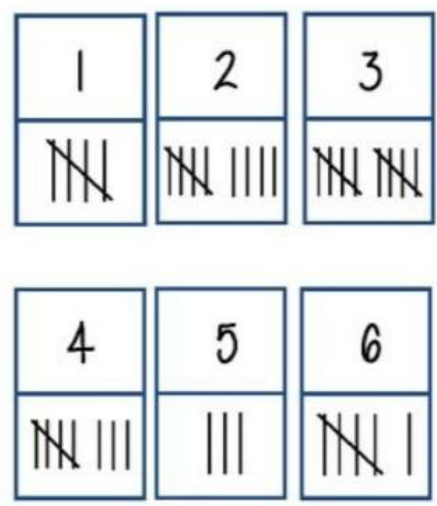
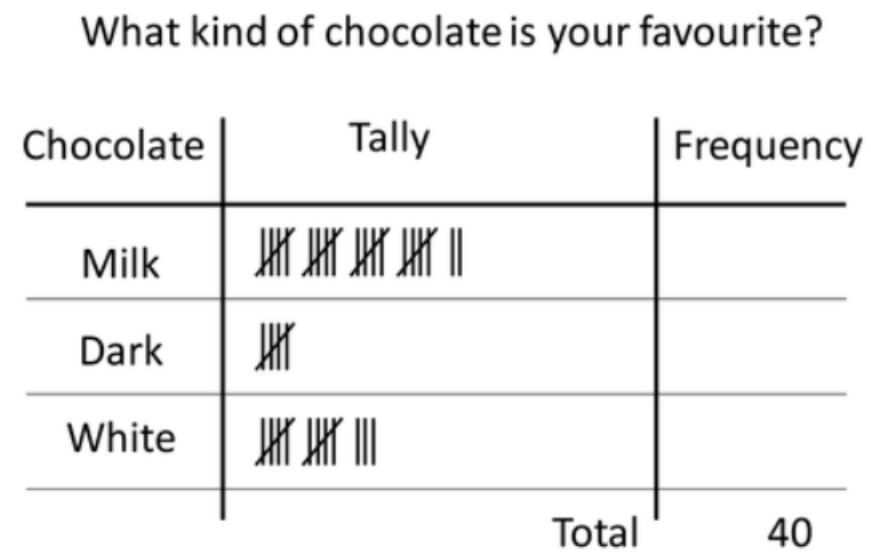
Picture, model, or diagram



Non-Example



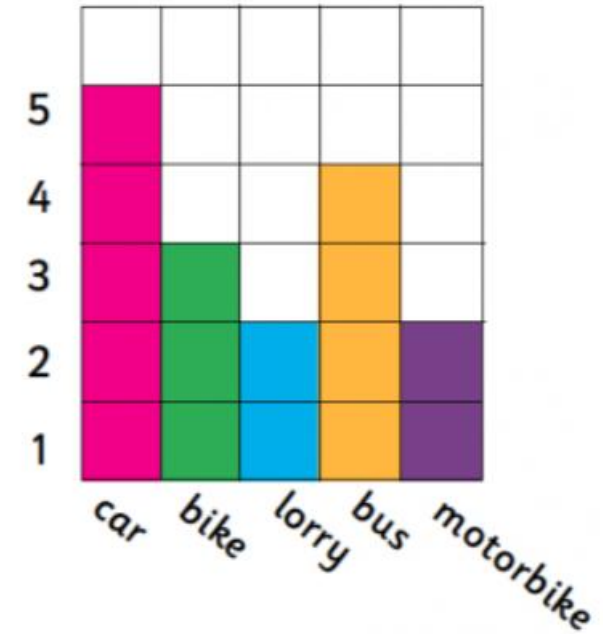
# tally chart



|                       |      |      |      |      |      |      |
|-----------------------|------|------|------|------|------|------|
| Lincoln Bus Station   | 1015 | 1115 | 1215 |      | 1415 | 1515 |
| Saxilby High St       | 1030 | 1130 | 1230 |      | ..   | ..   |
| Sturton by Stow A1500 | 1035 | 1135 | 1235 |      | ..   | ..   |
| Bransby Horses        | 1045 | 1145 | 1245 |      | 1435 | 1535 |
|                       |      |      |      |      |      |      |
| Bransby Horses        | 1045 | 1145 |      | 1345 | 1445 | 1545 |
| Sturton by Stow A1500 | ..   | ..   |      | 1350 | 1450 | 1550 |
| Saxilby High St       | ..   | ..   |      | 1400 | 1500 | 1600 |
| Lincoln Bus Station   | 1105 | 1205 |      | 1415 | 1515 | 1615 |

Bus timetable

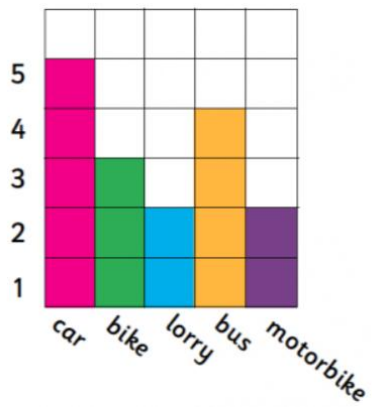
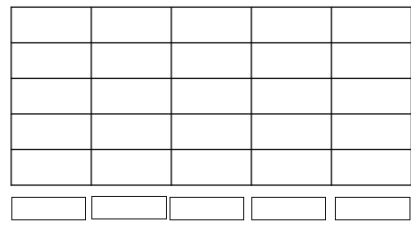
# block diagram



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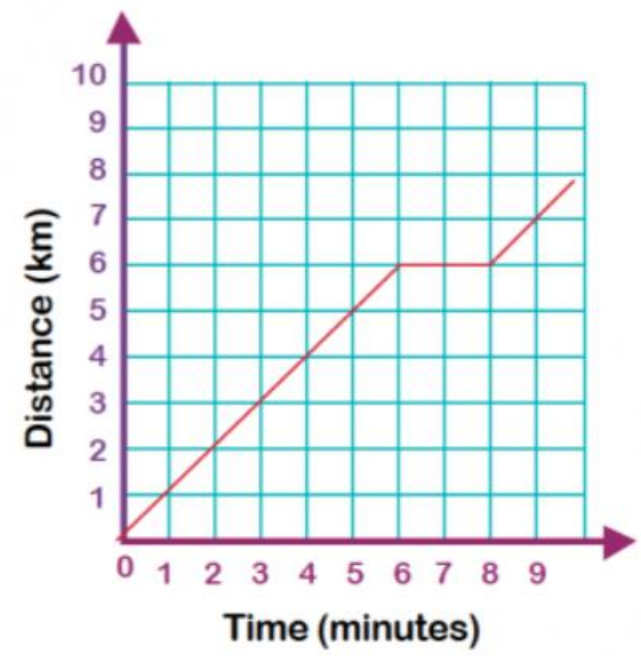
Improvement and  
Advisory Service

## Picture, model, or diagram



| Vehicle   | Frequency |
|-----------|-----------|
| Car       | 5         |
| Bike      | 3         |
| Lorry     | 2         |
| Bus       | 4         |
| Motorbike | 2         |

## Non-Example



| Word                       | Example     |
|----------------------------|-------------|
| Picture, model, or diagram | Non-Example |



| Word                       | Example     |
|----------------------------|-------------|
| Picture, model, or diagram | Non-Example |

