

2 - 4 - 1

For each pair of numbers, select the larger number.

1.            801                                  108

2.            96    69

3.            1    one half

4.            1 098    2 908

5.            1    0,5

2 - 4 - 2

For each pair of numbers, select the larger number.

1.            245                                    543

2.            985                                    1 025

3.            3,5                                    0,5

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

5.            5 000                                    4 999

2 - 5 - 1

For each pair of numbers, select the larger number.

1.            420                            360

2.            305 009                            530 000

3.            5 020                            2 995

4.            0,5                            1,0

5.             $\frac{2}{5}$                              $\frac{4}{5}$

2 - 5 - 2

For each pair of numbers, select the larger number.

1.            9 996                                  9 997

2.            305 213                                  314 010

3.            1,5 million                                  2 million

4.            104 500                                  450 000

5.             $2\frac{1}{3}$      $1\frac{2}{3}$

## 2 - 6 - 1

For each pair of numbers, select the larger number.

1.      308 200                      350 200

2.      0,5                              50

3.       $\frac{4}{7}$                                $\frac{1}{7}$

4.       $\frac{1}{2}$                                $\frac{1}{5}$

5.      0,6                               $\frac{3}{10}$

2 - 6 - 2

For each pair of numbers, select the larger number.

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

2.  $0,9$   $\frac{1}{10}$

3.  $0,60$   $6,0$

4.  $1\frac{3}{100}$   $1,3$

5.  $2\frac{1}{2}$   $1\frac{1}{4}$

2 - 7 - 1

For each pair of numbers, select the larger number.

1.            2,7     $2\frac{3}{10}$

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

3.             $5\frac{1}{2}$  million    8 000 000

4.             $\frac{5}{6}$      $\frac{6}{7}$

5.             $\frac{4}{10}$     22%

## 2 - 7 - 2

For each pair of numbers, select the larger number.

1.  $\frac{10}{11}$   $\frac{9}{10}$

2. 0,541 0,3549

3.  $2\frac{3}{4}$   $\frac{25}{4}$

4. 18 -80

5.  $2^2$   $1^4$



## 2 - 8 - 1

For each pair of numbers, select the larger number.

1.  $35\%$   $\frac{70}{100}$

2.  $\frac{2}{3}$   $-23$

3.  $-58,009$   $-9,850$

4.  $-31,001$   $-\frac{450}{100}$

5.  $3^2$   $2^4$

Determine the missing number.

1. 25; \_\_\_\_ ; 75; 100

2. 57; \_\_\_\_ ; 63; 66

3. 1;  $1\frac{1}{2}$ ; 2; \_\_\_\_

4. 1 988; 1 992; 1 996; \_\_\_\_

5. 1 850; \_\_\_\_ ; 1 950; 2 000

Determine the missing number.

1. 7 955; \_\_\_\_ ; 7 755; 7 655

2.  $21\frac{1}{5}$ ;  $21\frac{2}{5}$ ; \_\_\_\_ ;  $21\frac{4}{5}$

3. 7,7; 7,8; 7,9; \_\_\_\_

4. 9 988; 9 990; \_\_\_\_ ; 9 994

5. 14; 28; 56; \_\_\_\_

For each pattern, determine the missing number.

1. 4,8; \_\_\_\_ ; 5,2; 5,4

2. \_\_\_\_ ; 10 500; 11 000; 11 500

3.  $\frac{3}{10}$  ;  $\frac{5}{10}$  ;  $\frac{7}{10}$  ; \_\_\_\_

4. 300; 325; \_\_\_\_ ; 375

5. 3 200; 1 600; \_\_\_\_ ; 400

For each pattern, determine the missing number.

1. 12; 15; \_\_\_\_ ; 21

2. 6; \_\_\_\_ ; 18; 24

3. 105 002; 105 102; 105 202; \_\_\_\_

4. 5; \_\_\_\_ ;  $4\frac{3}{5}$ ;  $4\frac{2}{5}$

5. 0,1; 0,2; 0,3; \_\_\_\_

For each pattern, determine the missing number.

1. 575; 600; \_\_\_\_ ; 650

2. 0,5; 1,0; 1,5; \_\_\_\_

3. 1;  $1\frac{1}{4}$ ; \_\_\_\_ ;  $1\frac{3}{4}$

4. 2,6; 2,8; \_\_\_\_ ; 3,2

5. 36 549; 36 556; 36 563; \_\_\_\_

For each pattern, determine the missing number.

1. 80; 40; \_\_\_\_ ; 10

2. 3; 3,01; 3,02; \_\_\_\_

3. 1; 1,25; \_\_\_\_ ; 1,75

4.  $\frac{1}{7}$  ;  $\frac{2}{7}$  ;  $\frac{3}{7}$  ; \_\_\_\_

5.  $23\frac{1}{3}$  ; 23;  $22\frac{2}{3}$  ; \_\_\_\_

For each pattern, determine the missing number.

1.  $\frac{1}{9}$ ;  $\frac{2}{9}$ ;  $\frac{3}{9}$ ; \_\_\_\_\_

2.  $9\frac{1}{5}$ ; 9;  $8\frac{4}{5}$ ; \_\_\_\_\_

3. \_\_\_\_\_ ; 7,4; 7,8; 8,2

4. 5; \_\_\_\_\_ ; 13; 17

5. 1,16; 1,18; 1,20; \_\_\_\_\_



For each pattern, determine the missing number.

1. \_\_\_\_ ;  $1\frac{1}{3}$ ;  $\frac{2}{3}$ ; 0

2. 3,08; 3,11; 3,14; \_\_\_\_

3. 1,15; 1,13; 1,11; \_\_\_\_

4. \_\_\_\_ ; 2,92; 2,95; 2,98

5. 1; 0; -1; \_\_\_\_

For each pattern, determine the missing number.

1. \_\_\_\_ ; 3,92; 3,96; 4,00

2. 0; -1; -2; \_\_\_\_

3. -13; -9; \_\_\_\_ ; -1

4. -145,2; -145,8; \_\_\_\_ ; -147,0

5. 2; \_\_\_\_ ; 16; 256

4 - 4 - 1

Determine the value of the missing number and write it in the block. The first one has been done for you.

$$11 \rightarrow \boxed{+2} \rightarrow 13$$

1.  $5 \rightarrow \boxed{+12} \rightarrow \underline{\hspace{2cm}}$

2.  $4 \rightarrow \boxed{\times 10} \rightarrow \underline{\hspace{2cm}}$

3.  $31 \rightarrow \boxed{-2} \rightarrow \underline{\hspace{2cm}}$

4.  $\underline{\hspace{2cm}} \rightarrow \boxed{+20} \rightarrow 50$

5.  $64 \rightarrow \boxed{+23} \rightarrow \underline{\hspace{2cm}}$

4 - 4 - 2

Determine the value of the missing number and write it in the block. The first one has been done for you.

$$11 \rightarrow \boxed{+2} \rightarrow 13$$

1.  $\underline{\quad} \rightarrow \boxed{+5} \rightarrow 12$

2.  $\underline{\quad} \rightarrow \boxed{\times 5} \rightarrow 35$

3.  $8 \rightarrow \boxed{\times 3} \rightarrow \underline{\quad}$

4.  $31 \rightarrow \boxed{-2} \rightarrow \underline{\quad}$

5.  $20 \rightarrow \boxed{\times 2} \rightarrow \boxed{+1} \rightarrow \underline{\quad}$

4 - 5 - 1

Determine the value of the missing number and write it in the block. The first one has been done for you.

$$11 \rightarrow \boxed{+2} \rightarrow 13$$

1.  $34 \rightarrow \boxed{+26} \rightarrow \underline{\hspace{2cm}}$

2.  $50 \rightarrow \boxed{-13} \rightarrow \underline{\hspace{2cm}}$

3.  $\underline{\hspace{2cm}} \rightarrow \boxed{\times 10} \rightarrow 120$

4.  $4 \rightarrow \boxed{\times 13} \rightarrow \underline{\hspace{2cm}}$

5.  $45 \rightarrow \boxed{\text{double}} \rightarrow \underline{\hspace{2cm}}$

4 - 5 - 2

Determine the value of the missing number and write it in the block. The first one has been done for you.

$$11 \rightarrow \boxed{+2} \rightarrow 13$$

1.  $\underline{\quad} \rightarrow \boxed{\times 9} \rightarrow 81$

2.  $175 \rightarrow \boxed{+12} \rightarrow \underline{\quad}$

3.  $\frac{1}{4} \rightarrow \boxed{+\frac{3}{4}} \rightarrow \underline{\quad}$

4.  $15 \rightarrow \boxed{\times 4} \rightarrow \boxed{-1} \rightarrow \underline{\quad}$

5.  $\underline{\quad} \rightarrow \boxed{\text{double}} \rightarrow 32$

4 - 6 - 1

Determine the value of the missing number and write it in the block. The first one has been done for you.

$$11 \rightarrow \boxed{+2} \rightarrow 13$$

1.  $9 \rightarrow \boxed{\times 4} \rightarrow \underline{\hspace{2cm}}$

2.  $18 \rightarrow \boxed{+6} \rightarrow \boxed{\div 2} \rightarrow \underline{\hspace{2cm}}$

3.  $\underline{\hspace{2cm}} \rightarrow \boxed{\times 9} \rightarrow 72$

4.  $4 \rightarrow \boxed{\times 7} \rightarrow \boxed{-9} \rightarrow \underline{\hspace{2cm}}$

5.  $\frac{1}{4} \rightarrow \boxed{+\frac{3}{4}} \rightarrow \underline{\hspace{2cm}}$

4 - 6 - 2

Determine the value of the missing number and write it in the block. The first one has been done for you.

$$11 \rightarrow \boxed{+2} \rightarrow 13$$

1.  $\frac{2}{5} \rightarrow \boxed{+\frac{3}{5}} \rightarrow \underline{\hspace{2cm}}$

2.  $\underline{\hspace{2cm}} \rightarrow \boxed{+\frac{4}{9}} \rightarrow 1$

3.  $0,8 \rightarrow \boxed{+0,03} \rightarrow \underline{\hspace{2cm}}$

4.  $\underline{\hspace{2cm}} \rightarrow \boxed{+0,08} \rightarrow 1,284$

5.  $\underline{\hspace{2cm}} \rightarrow \boxed{\times 3} \rightarrow \boxed{+7} \rightarrow 22$



4 - 7 - 1

Determine the value of the missing number and write it in the block. The first one has been done for you.

$$11 \rightarrow \boxed{+2} \rightarrow 13$$

1.  $\underline{\quad} \rightarrow \boxed{+0,3} \rightarrow 2,385$

2.  $\underline{\quad} \rightarrow \boxed{\times 20} \rightarrow \boxed{+4} \rightarrow 64$

3.  $4,6 \rightarrow \boxed{+2,7} \rightarrow \underline{\quad}$

4.  $\underline{\quad} \rightarrow \boxed{+5,7} \rightarrow 12,6$

5.  $5,8 \rightarrow \boxed{+0,3} \rightarrow \boxed{\times 10} \rightarrow \underline{\quad}$

4 - 7 - 2

Determine the value of the missing number and write it in the block. The first one has been done for you.

$$11 \rightarrow \boxed{+2} \rightarrow 13$$

1.  $\underline{\quad} \rightarrow \boxed{-3,1} \rightarrow 8,7$

2.  $7,3 \rightarrow \boxed{+1,4} \rightarrow \boxed{\times 10} \rightarrow \underline{\quad}$

3.  $1 \rightarrow \boxed{\times 3} \rightarrow \boxed{-12} \rightarrow \underline{\quad}$

4.  $\underline{\quad} \rightarrow \boxed{\times 25} \rightarrow \boxed{+18} \rightarrow 68$

5.  $6 \rightarrow \boxed{\times \frac{5}{6}} \rightarrow \underline{\quad}$

4 - 8 - 1

Determine the value of the missing number and write it in the block. The first one has been done for you.

$$11 \rightarrow \boxed{+2} \rightarrow 13$$

1.  $\underline{\quad} \rightarrow \boxed{\times 13} \rightarrow \boxed{-25} \rightarrow 105$

2.  $4 \rightarrow \boxed{\times \frac{2}{5}} \rightarrow \underline{\quad}$

3.  $-12 \rightarrow \boxed{\times 3} \rightarrow \boxed{-10} \rightarrow \underline{\quad}$

4.  $5 \rightarrow \boxed{\times (-3)} \rightarrow \boxed{+10} \rightarrow \underline{\quad}$

5.  $-5 \rightarrow \boxed{-15} \rightarrow \boxed{\times (-4)} \rightarrow \underline{\quad}$

Determine the value of the missing number.

1.  $606 + \underline{\quad} = 714$

2.  $47 - \underline{\quad} = 24 + 16$

3.  $695 = 600 + \underline{\quad} + 5$

4.  $16 + \underline{\quad} + 17 = 63$

5.  $265 + 195 = \underline{\quad}$

Determine the value of the missing number.

1.  $1\ 200 - 1 = \underline{\hspace{2cm}}$

2.  $4 \times \underline{\hspace{2cm}} = 60$

3.  $\frac{1}{5} + \underline{\hspace{2cm}} = \frac{4}{5}$

4. half of  $\underline{\hspace{2cm}}$  = 250

5.  $2,3 - 0,4 = \underline{\hspace{2cm}}$

Determine the value of the missing number.

1.  $54 - 29 = \underline{\quad}$

2.  $5 \times \underline{\quad} = 60$

3.  $35\ 000 - \underline{\quad} = 33\ 500$

4.  $3\frac{1}{2} + \underline{\quad} = 6$

5.  $\underline{\quad} \div 13 = 52$

Determine the value of the missing number.

1.  $24 - 18 = \underline{\quad}$

2.  $753 = 700 + \underline{\quad} + 3$

3.  $70\ 400 \times 10 = \underline{\quad}$

4.  $\underline{\quad} + 151 = 178$

5.  $136 \div \underline{\quad} = 8$

Determine the value of the missing number.

1.  $\underline{\quad} + 243 = 374$

2.  $1\frac{1}{4} - \frac{3}{4} = \underline{\quad}$

3.  $42\ 000 = 7\ 000 \times \underline{\quad}$

4.  $2,3 + 1,6 = \underline{\quad}$

5.  $\underline{\quad} = 81 \div 3$



Determine the value of the missing number.

1.  $3,5 + 2,8 = \underline{\quad}$

2.  $\underline{\quad} = 91 \div 7$

3.  $\underline{\quad} \times 4 + 5 = 105$

4.  $6 \times (\underline{\quad} - 3) + 5 = 47$

5.  $\frac{1}{12} + \frac{1}{3} = \underline{\quad}$

Determine the value of the missing number.

1.  $8 \times (\underline{\quad} + 2) - 12 = 44$

2.  $\frac{7}{12} + \frac{1}{6} = \underline{\quad}$

3.  $12 \times \underline{\quad} = 4,8$

4.  $3\frac{1}{2} + 1\frac{1}{6} = \underline{\quad}$

5.  $\underline{\quad} - 3,99 = 16,01$

Determine the value of the missing number.

1.  $1\frac{2}{5} + 3\frac{1}{10} = \underline{\hspace{2cm}}$

2.  $\underline{\hspace{2cm}} - 12,97 = 7,03$

3.  $\underline{\hspace{2cm}} = 7 \times 2,3$

4.  $2\frac{3}{8} - 1\frac{5}{8} = \underline{\hspace{2cm}}$

5.  $368 \times \frac{1}{4} = \underline{\hspace{2cm}}$

Determine the value of the missing number.

1.  $1\frac{1}{4} - \frac{3}{8} = \underline{\hspace{2cm}}$

2.  $32,48 \times \frac{1}{4} = \underline{\hspace{2cm}}$

3.  $-5 - \underline{\hspace{2cm}} = -8$

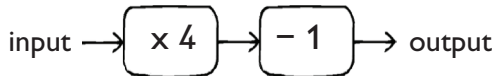
4.  $-5 - \underline{\hspace{2cm}} = 8$

5.  $-12 + 6 = 2 \times \underline{\hspace{2cm}}$

6 - 4 - 1

Complete the flow diagram for each table. The first one has been done for you.

Input	1	2	3	4	5
Output	3	7	11	15	19



1.

Input	1	2	3	4	5
Output	2	3	4	5	6



2.

Input	1	2	3	4	5
Output	10	20	30	40	50



3.

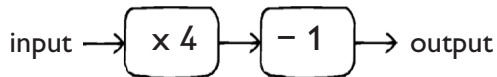
Input	10	9	8	7	6
Output	8	7	6	5	4



6 - 4 - 2

Complete the flow diagram for each table. The first one has been done for you.

Input	1	2	3	4	5
Output	3	7	11	15	19



1.

Input	1	2	3	4	5
Output	3	6	9	12	15



2.

Input	5	7	9	11	13
Output	16	18	20	22	24



3.

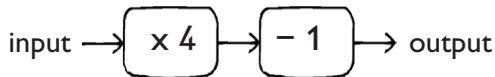
Input	32	24	16	8	4
Output	16	12	8	4	2



6 - 5 - 1

Complete the flow diagram for each table. The first one has been done for you.

Input	1	2	3	4	5
Output	3	7	11	15	19



1.

Input	23	27	41	45	49
Output	230	270	410	450	490



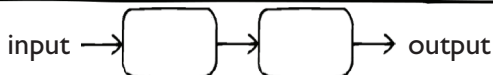
2.

Input	100	80	60	50	40
Output	75	55	35	25	15



3.

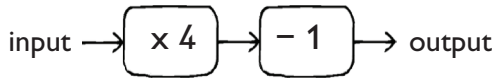
Input	1	2	3	4	5
Output	6	11	16	21	26



6 - 5 - 2

Complete the flow diagram for each table. The first one has been done for you.

Input	1	2	3	4	5
Output	3	7	11	15	19



1.

Input	1	2	3	4	5
Output	4	5	6	7	8



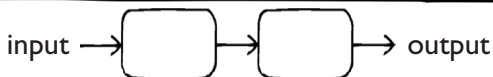
2.

Input	25	30	35	40	45
Output	5	6	7	8	9



3.

Input	1	2	3	4	5
Output	3	5	7	9	11

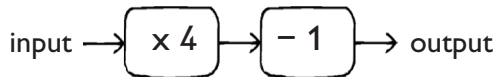




6 - 6 - 1

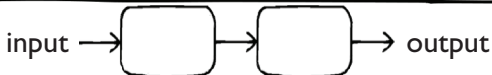
Complete the flow diagram for each table. The first one has been done for you.

Input	1	2	3	4	5
Output	3	7	11	15	19



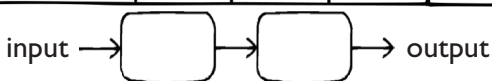
1.

Input	1	2	3	4	5
Output	5	8	11	14	17



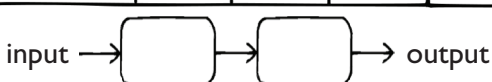
2.

Input	1	3	5	10	15
Output	12	28	44	84	124



3.

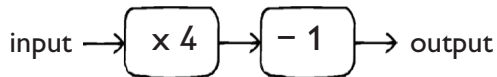
Input	1	2	4	7	12
Output	4	9	19	34	59



6 - 6 - 2

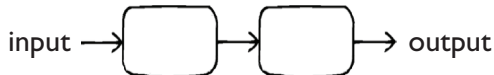
Complete the flow diagram for each table. The first one has been done for you.

Input	1	2	3	4	5
Output	3	7	11	15	19



1.

Input	1	2	4	7	12
Output	5	12	26	47	82



2.

Input	1	2	3	4	5
Output	$2\frac{1}{8}$	$3\frac{1}{8}$	$4\frac{1}{8}$	$5\frac{1}{8}$	$6\frac{1}{8}$



3.

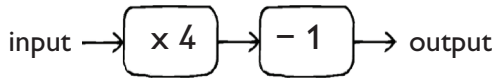
Input	3	4	5	6	7
Output	0,3	0,4	0,5	0,6	0,7



6 - 7 - 1

Complete the flow diagram for each table. The first one has been done for you.

Input	1	2	3	4	5
Output	3	7	11	15	19



1.

Input	8	9	10	11	12
Output	0,08	0,09	0,1	0,11	0,12



2.

Input	1	2	3	4	5
Output	$\frac{1}{2}$	1	$1\frac{1}{2}$	2	$2\frac{1}{2}$



3.

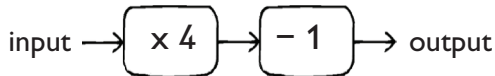
Input	1	2	3	4	5
Output	0,25	0,5	0,75	1	1,25



6 - 7 - 2

Complete the flow diagram for each table. The first one has been done for you.

Input	1	2	3	4	5
Output	3	7	11	15	19



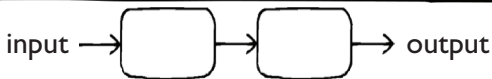
1.

Input	1	2	3	4	5
Output	0,2	0,4	0,6	0,8	1



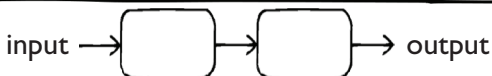
2.

Input	1	2	3	4	5
Output	-4	-3	-2	-1	0



3.

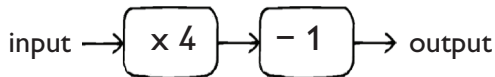
Input	1	2	3	4	5
Output	-8	-6	-4	-2	-1



6 - 8 - 1

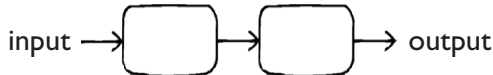
Complete the flow diagram for each table. The first one has been done for you.

Input	1	2	3	4	5
Output	3	7	11	15	19



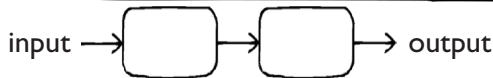
1.

Input	1	2	3	4	5
Output	-5	-2	1	4	7



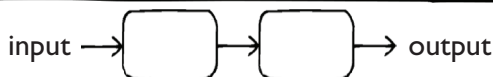
2.

Input	1	2	3	4	5
Output	$-2\frac{2}{3}$	$-2\frac{1}{3}$	-2	$-1\frac{2}{3}$	$-1\frac{1}{3}$

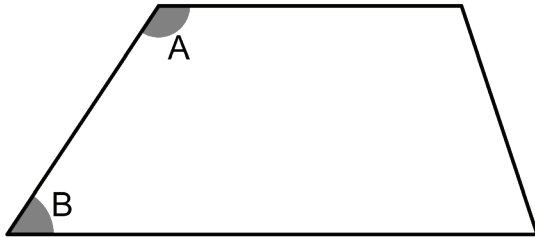


3.

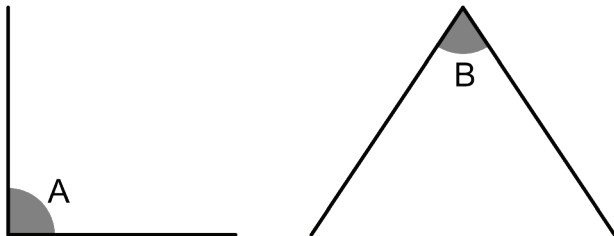
Input	1	2	3	4	5
Output	10	5	0	-5	-10



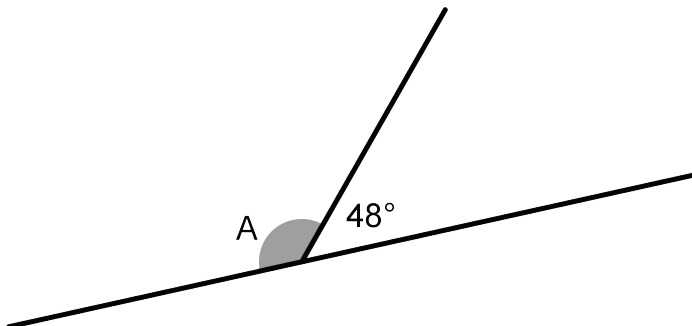
1. Which angle is larger, A or B?



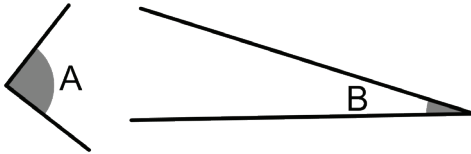
2. Which angle is larger, A or B?



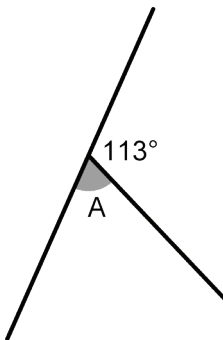
3. Determine the size of angle A.



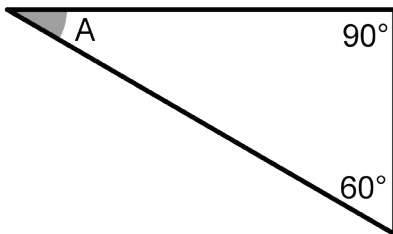
1. Which angle is larger, A or B?



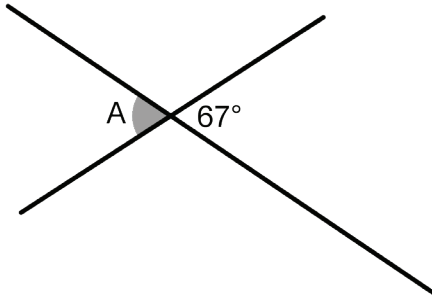
2. Determine the size of angle A.



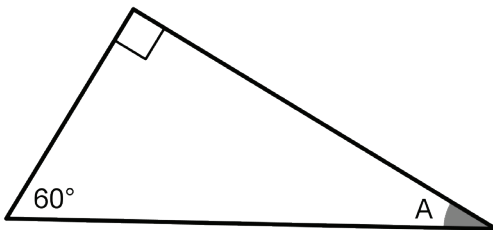
3. Determine the size of angle A.



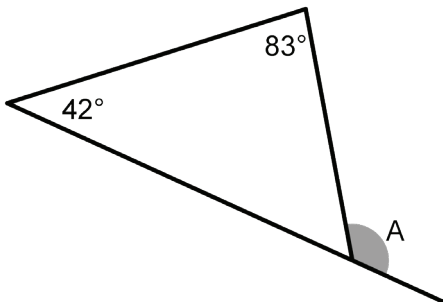
1. Determine the size of angle A.



2. Determine the size of angle A.

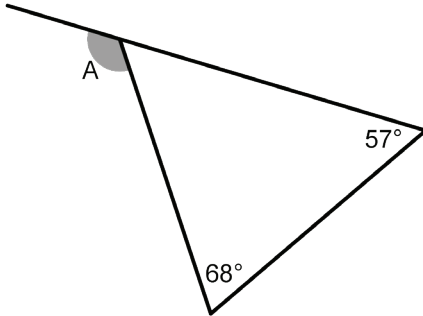


3. Determine the size of angle A.

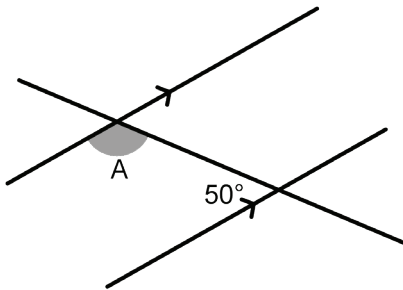




1. Determine the size of angle A.



2. Determine the size of angle A.



3. Determine the size of angle A.

