















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                                   $\frac{3}{10}$



3 - 2 - 2

Determine the missing number.

1. 70; \_\_\_\_ ; 74; 76

2. 4; 8; 12; \_\_\_\_

3. 15; \_\_\_\_ ; 21; 24

4. 0; \_\_\_\_ ; 20; 30

5. 0; 3; 6; \_\_\_\_

3 - 3 - 1

Determine the missing number.

1. 50; 100; \_\_\_\_ ; 200

2. \_\_\_\_ ; 18; 24; 30

3. 100; \_\_\_\_ ; 150; 175

4. \_\_\_\_ ; 48; 52; 56

5. 25; \_\_\_\_ ; 35; 40

3 - 3 - 2

Determine the missing number.

1. \_\_\_\_ ; 110; 121; 132

2. 367; 368; 369; \_\_\_\_

3. 15; 30; \_\_\_\_ ; 60

4. 44; 53; 62; \_\_\_\_

5. \_\_\_\_ ; 45; 49; 53

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

3 - 4 - 2

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; \_\_\_\_

3 - 5 - 1

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

3 - 5 - 2

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; \_\_\_\_

3 - 6 - 1

For each pattern, determine the missing number.

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

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

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

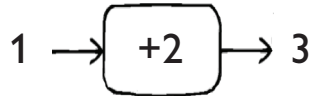
4. 2,6; 2,8; \_\_\_\_ ; 3,2

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



4 - 2 - 2

Look at the diagram. Can you see how it works?



1.  $21 \rightarrow \boxed{-2} \rightarrow \underline{\hspace{2cm}}$

2.  $15 \rightarrow \boxed{\text{double}} \rightarrow \underline{\hspace{2cm}}$

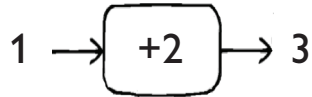
3.  $11 \rightarrow \boxed{+9} \rightarrow \underline{\hspace{2cm}}$

4.  $16 \rightarrow \boxed{+22} \rightarrow \underline{\hspace{2cm}}$

5.  $\underline{\hspace{2cm}} \rightarrow \boxed{-1} \rightarrow 59$

4 - 3 - 1

Look at the diagram. Can you see how it works?



1.  $24 \rightarrow \boxed{+10} \rightarrow \underline{\hspace{2cm}}$

2.  $40 \rightarrow \boxed{\text{halve}} \rightarrow \underline{\hspace{2cm}}$

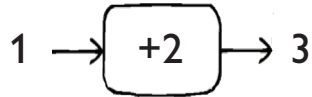
3.  $31 \rightarrow \boxed{-2} \rightarrow \underline{\hspace{2cm}}$

4.  $\underline{\hspace{2cm}} \rightarrow \boxed{+14} \rightarrow 50$

5.  $\underline{\hspace{2cm}} \rightarrow \boxed{-6} \rightarrow 54$

4 - 3 - 2

Look at the diagram. Can you see how it works?



1.  $34 \rightarrow \boxed{+8} \rightarrow \underline{\hspace{2cm}}$

2.  $36 \rightarrow \boxed{\text{halve}} \rightarrow \underline{\hspace{2cm}}$

3.  $8 \rightarrow \boxed{\times 5} \rightarrow \underline{\hspace{2cm}}$

4.  $43 \rightarrow \boxed{-12} \rightarrow \underline{\hspace{2cm}}$

5.  $20 \rightarrow \boxed{+6} \rightarrow \boxed{+1} \rightarrow \underline{\hspace{2cm}}$

## 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.  $34 \rightarrow \boxed{+26} \rightarrow \underline{\quad}$

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

3.  $\underline{\quad} \rightarrow \boxed{\times 10} \rightarrow 120$

4.  $4 \rightarrow \boxed{\times 13} \rightarrow \underline{\quad}$

5.  $45 \rightarrow \boxed{\text{double}} \rightarrow \underline{\quad}$

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



5 - 2 - 2

Make the sides equal. The first one has been done for you.

$$12 + \underline{10} = 22$$

1.  $36 + 44 = \underline{\quad}$

2.  $2 \times 3 = \underline{\quad}$

3.  $3 = 24 - \underline{\quad}$

4.  $41 = \underline{\quad} + 19$

5.  $27 = \underline{\quad} + 12$

5 - 3 - 1

Make the sides equal. The first one has been done for you.

$$12 + \underline{10} = 22$$

1.  $5 + \underline{\quad} = 10 + 7$

2.  $26 - \underline{\quad} = 4$

3.  $50 + \underline{\quad} = 110$

4.  $130 + \underline{\quad} = 158$

5.  $94 - \underline{\quad} = 71$

5 - 3 - 2

Make the sides equal. The first one has been done for you.

$$12 + \underline{10} = 22$$

1.  $4 \times 8 = \underline{\quad}$

2.  $37 - \underline{\quad} = 20$

3.  $24 - \underline{\quad} = 11$

4.  $\underline{\quad} - 6 = 16$

5.  $34 + \underline{\quad} + 20 = 60$

5 - 4 - 1

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

5 - 4 - 2

Determine the value of the missing number.

1.  $1\ 200 - 1 = \underline{\quad}$

2.  $4 \times \underline{\quad} = 60$

3.  $\frac{1}{5} + \underline{\quad} = \frac{4}{5}$

4. half of  $\underline{\quad} = 250$

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

5 - 5 - 1

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

5 - 5 - 2

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

5 - 6 - 1

Determine the value of the missing number.

1.  $\underline{\hspace{2cm}} + 243 = 374$

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

3.  $42\ 000 = 7\ 000 \times \underline{\hspace{2cm}}$

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

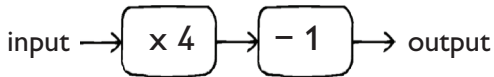
5.  $\underline{\hspace{2cm}} = 81 \div 3$



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.

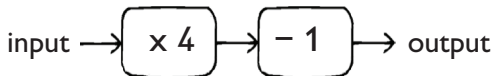
Input	10	9	8	7	6
Output	8	7	6	5	4



# 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.

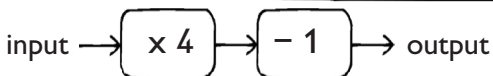
Input	32	24	16	8	4
Output	16	12	8	4	2



# 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



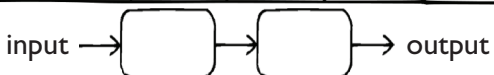
2.

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



3.

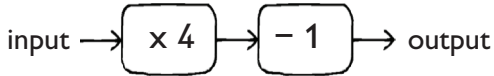
Input	1	2	3	4	5
Output	6	11	16	21	26



# 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



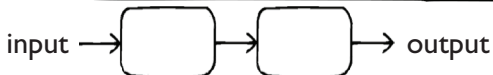
2.

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



3.

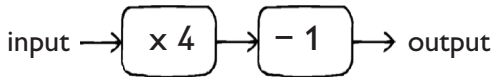
Input	1	2	3	4	5
Output	3	5	7	9	11



6 - 6 - 1

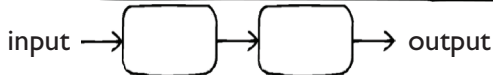
Complete the flow diagram for each table. The first one has been done for you.

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



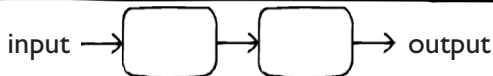
1.

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



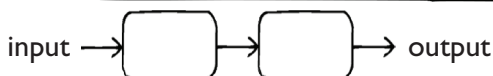
2.

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

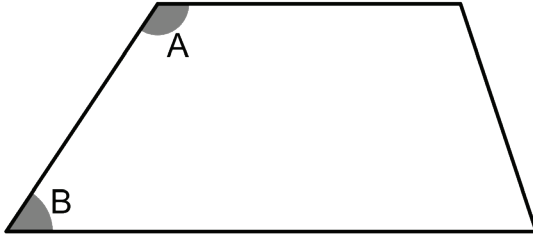


3.

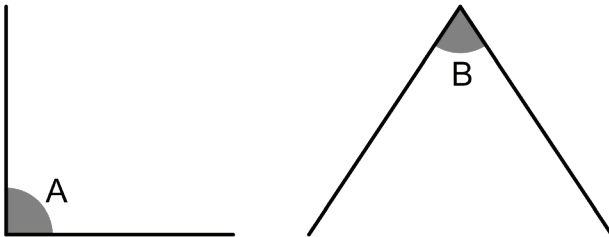
Input	1	2	4	7	12
Output	4	9	19	34	59



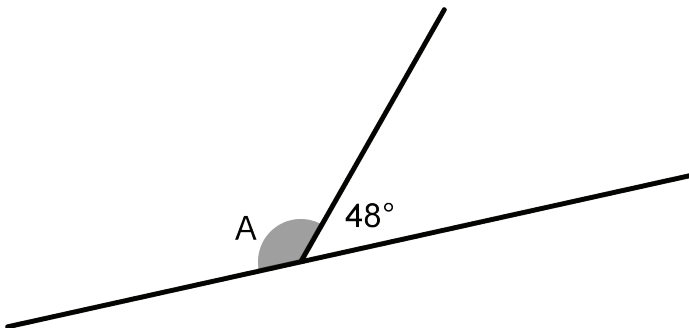
1. Which angle is larger, A or B?



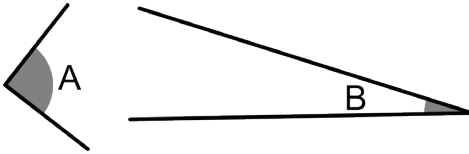
2. Which angle is larger, A or B?



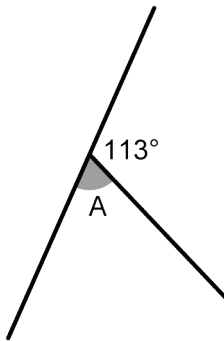
3. Determine the size of angle A.



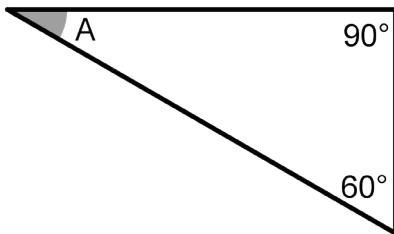
1. Which angle is larger, A or B?



2. Determine the size of angle A.

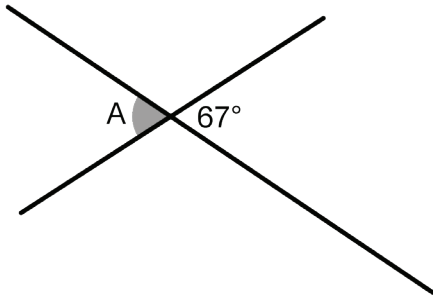


3. Determine the size of angle A.

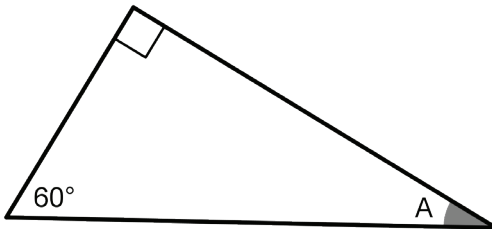


7 - 7 - 2

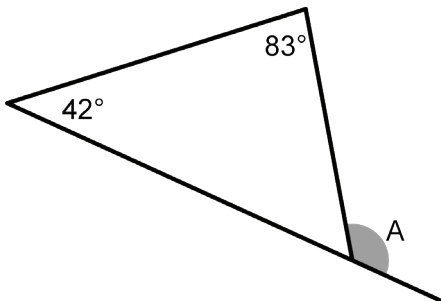
1. Determine the size of angle A.



2. Determine the size of angle A.



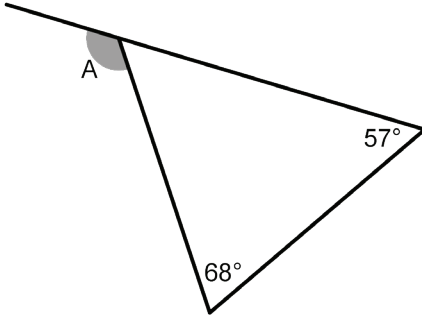
3. Determine the size of angle A.



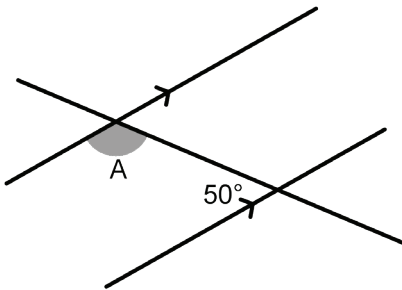


7 - 8 - 1

1. Determine the size of angle A.



2. Determine the size of angle A.



3. Determine the size of angle A.

