



**THIRD SPACE  
LEARNING**

# Types of Angles Worksheet

**Geometry**

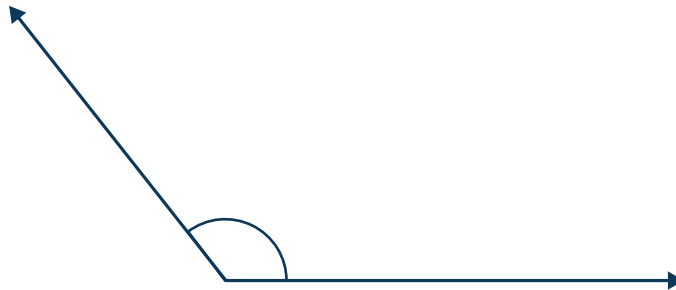
**Grades 4 to 5**

## Skill Questions

Name: .....

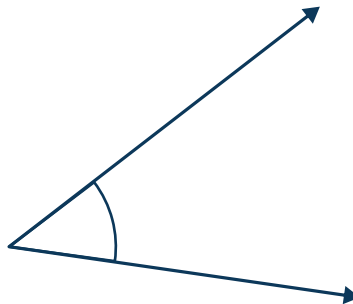
Date: .....

- 1 Identify the angle as obtuse, acute or right:



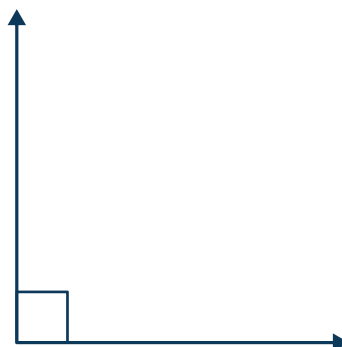
Answer

- 2 Identify the angle as obtuse, acute or right:



Answer

- 3 Identify the angle as obtuse, acute or right:



Answer

## Types of Angles Worksheet | Grades 4 to 5

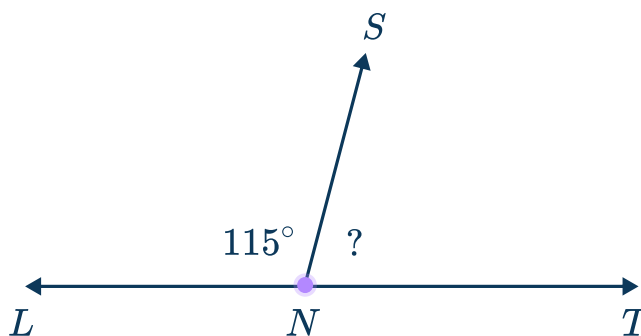
- 4 Identify the angle as obtuse, acute or right:  
 $\angle ABC$  is  $29^\circ$ .

Answer

- 5 Identify the angle as obtuse, acute or right:  
 $\angle DEF$  is  $91^\circ$

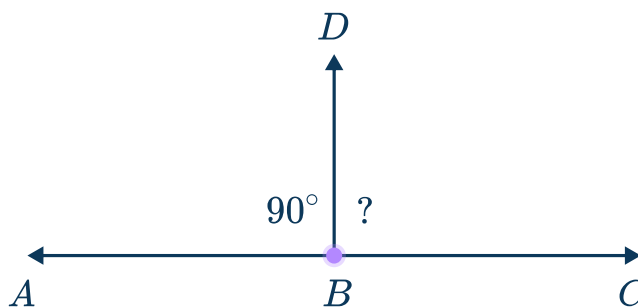
Answer

- 6 If angle LNS measures  $115^\circ$ , what type of angle is SNT?



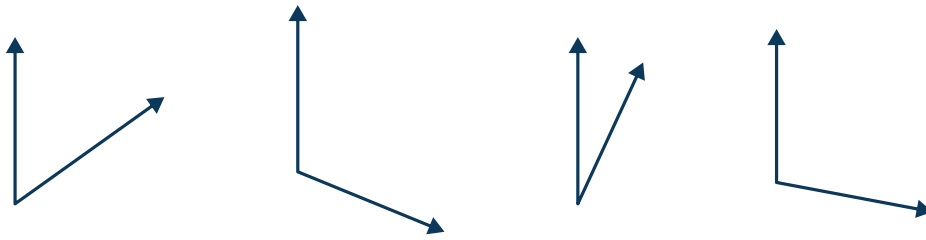
Answer

- 7 If angle ABD measures  $90^\circ$ , what type of angle is DBC?

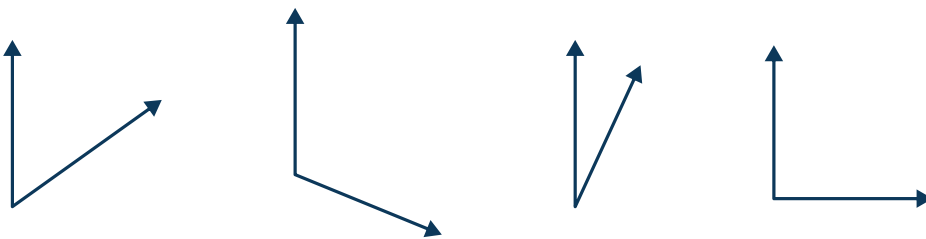


Answer

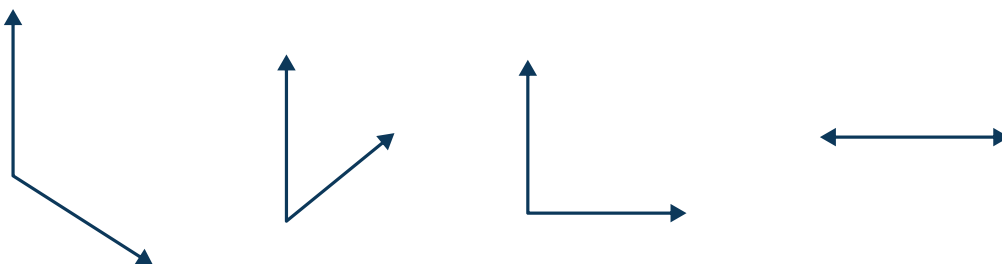
8 Which angles appear to be an obtuse angle?



9 Which angles appears to be an acute angle?

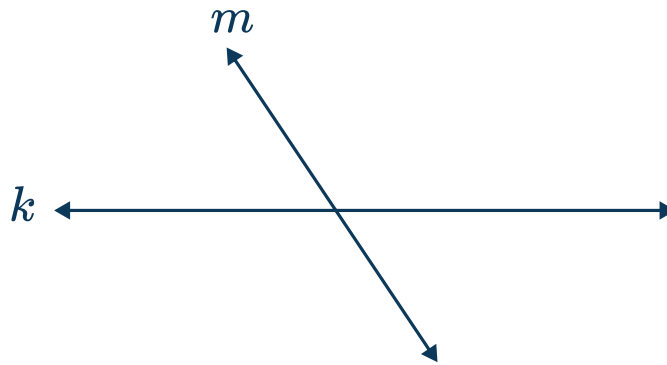


10 Which angles appears to be a right angle?

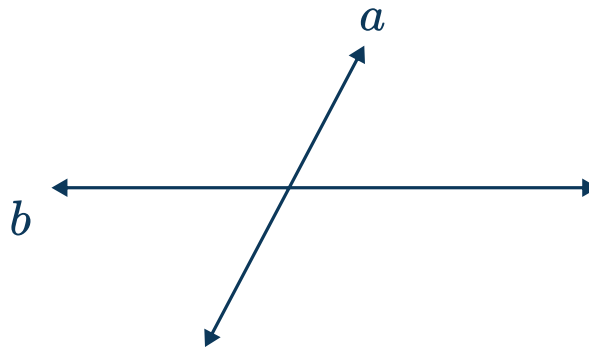


## Applied Questions

- 11 Label an obtuse angle created by line  $m$  and line  $k$ , as  $x$ .



- 12 Label an acute angle created by line  $a$  and line  $b$ , as  $x$ .



- 13 Damian drew the angle below. Kassy says it's an obtuse angle because it's over  $90^\circ$ . Damian says it's a straight angle because it's a straight line. Who is correct?



Answer

**14** How many obtuse angles can be made from a straight angle?



Answer

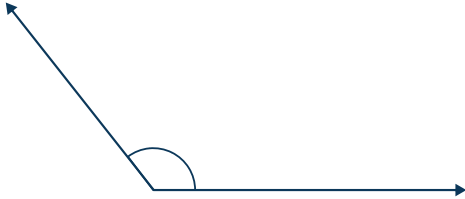
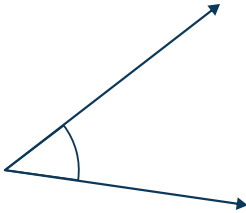
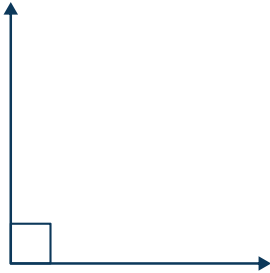
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**15** How many right angles can be made from a straight angle?

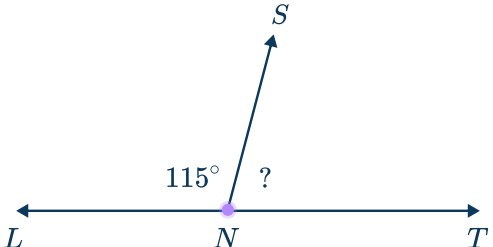
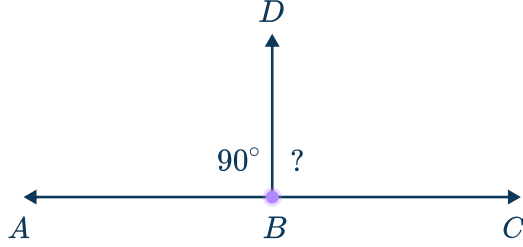

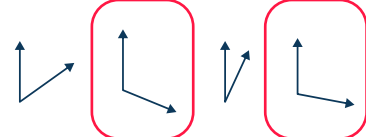
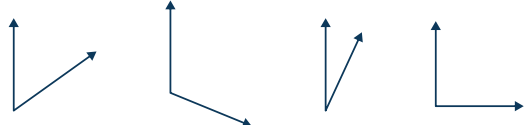
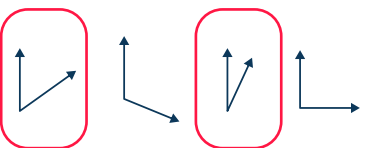
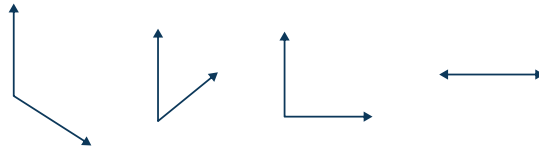
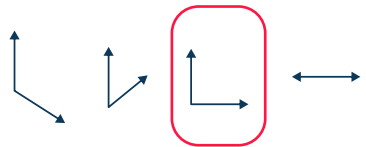


Answer

## Answers

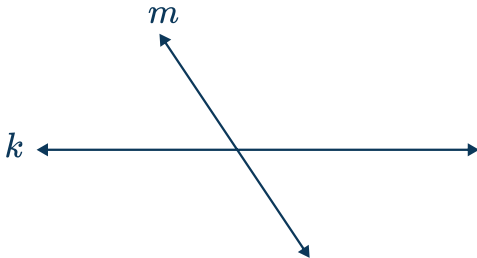
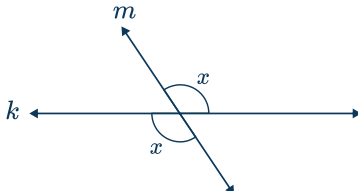
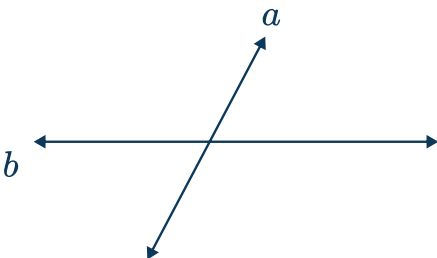
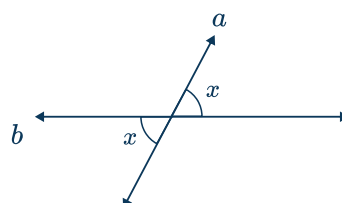



Question number	Question	Answers	Standard
1	Identify the angle as obtuse, acute or right: 	Obtuse angle	4.G.A.1 4.MD.C.5a
2	Identify the angle as obtuse, acute or right: 	Acute angle	4.G.A.1 4.MD.C.5a
3	Identify the angle as obtuse, acute or right: 	Right angle	4.G.A.1 4.MD.C.5a
4	Identify the angle as obtuse, acute or right: $\angle ABC$ is $29^\circ$ .	Acute angle	4.G.A.1 4.MD.C.5a
5	Identify the angle as obtuse, acute or right: $\angle DEF$ is $91^\circ$	Obtuse angle	4.G.A.1 4.MD.C.5a

# Types of Angles Worksheet | Grades 4 to 5 | Answers

Question number	Question	Answers	Standard
6	<p>If angle LNS measures <math>115^\circ</math>, what type of angle is SNT?</p> 	Acute angle	4.MD.C.5b 4.MD.C.7
7	<p>If angle ABD measures <math>90^\circ</math>, what type of angle is DBC?</p> 	Right angle	4.MD.C.5b 4.MD.C.7
8	<p>Which angle(s) appears to be an obtuse angle?</p> 		4.MD.C.5b 4.MD.C.7
9	<p>Which angle(s) appears to be an acute angle?</p> 		4.MD.C.5b 4.MD.C.7
10	<p>Which angle(s) appears to be a right angle?</p> 		4.MD.C.5b 4.MD.C.7



# Types of Angles Worksheet | Grades 4 to 5 | Answers




Question number	Question	Answers	Standard
11	<p>Label an obtuse angle created by line <math>m</math> and line <math>k</math>, as <math>x</math>.</p> 	<p>There are two possible answers.</p> 	4.G.A.1 4.MD.C.5a
12	<p>Label an acute angle created by line <math>a</math> and line <math>b</math>, as <math>x</math>.</p> 	<p>There are two possible answers.</p> 	4.G.A.1 4.MD.C.5a
13	<p>Damian drew the angle below. Kassy says it's an obtuse angle because it's over <math>90^\circ</math>. Damian says it's a straight angle because it's a straight line. Who is correct?</p> 	<p>Damian is correct. An obtuse angle is any angle between <math>91^\circ</math> and <math>179^\circ</math>. A straight angle is a straight line and measures <math>180^\circ</math>.</p>	4.MD.C.5b 4.MD.C.7
14	<p>How many obtuse angles can be made from a straight angle?</p> 	<p>One obtuse angle can be made from a straight angle.</p>	4.MD.C.5b 4.MD.C.7
15	<p>How many right angles can be made from a straight angle?</p> 	<p>Two right angles can be made from a straight angle.</p>	4.MD.C.5b 4.MD.C.7

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