## Green <br> Identifying and comparing angles



## Yellow <br> Identifying and comparing angles

True or false? Angle B is the largest angle in each of the shapes below.

Identifying and comparing angles

Use the symbols <, > or = to make the statements correct.


True or false? Angle $\mathbf{A}$ is the same size as angles $B$ and $D$, which are bigger than angle $C$.


Is Zane correct? Explain your answer.
If you join together the end points of the matching lines below, do they make 4 angles in order from smallest to largest? Be sure to compare the smallest side of each angle created.


Use the symbols <, > or = to make the statements correct.


Which of these shapes contains the largest angle?


Hal is discussing angles.


Is Hal correct? Explain your answer.
If you join together the end points of the matching lines below, do they make 4 angles in order from largest to smallest? Be sure to compare the smallest side of each angle created.


12
3
4

# Green Answers <br> Identifying and comparing angles 

Can you name the type of angle? Is it acute, obtuse or a right angle?


Fatma says:
know the right angle size is bigger than the obtuse angle because the lines are longer.

Fatma is incorrect. The obtuse angle size is bigger. The length of the lines are irrelevant.


Which angles are right angles?


Use the symbols < or > to make the statements correct.

## right angle


acute angle

Match the angles which will still be acute when they are combined.


# Yellow Answers <br> Identifying and comparing angles 



## Red Answers <br> Identifying and comparing angles

| Use the symbols <, > or $=$ to make the statements correct. | Use the symbols <, > or = to make the statements correct. <br> $75^{\circ}$ $\square$ $121^{\circ}$ obtuse angle $\square$ angle $\square$ $87^{\circ}$ |
| :---: | :---: |
| True or false? Angle $\mathbf{A}$ is the same size as angles $B$ and $D$, which are bigger than angle $C$. <br>  | Which of these shapes contains the largesi Shape B |
| Zane is discussing angles. <br> Zane might be correct but he doesn't know the exact size of the other obtuse angle which could be larger. | Hal is discussing angles. $\qquad$ <br> Hal is correct. The obtuse angle is the largest and the acute and $25^{\circ}$ angles are |
| $135^{\circ}$ angle is the largest angle. <br> Is Zane correct? Explain your answer. | largest angle. <br> Is Hal correct? Explain your answer. |
| If you join together the end points of the matching lines below, do they make No. The correct order would be 2, <br> 4. | If you join together the end points of the matching lines below, do they make 4 angles in order from largest to smallest? Be sure to compare the smallest side of each angle created. |
| $\checkmark \vee \downarrow 1$ | Yes, the angles are ordered correctly. |
|  | $1$ |

