

## Angles: Drawing

Video 28 on Corbettmaths

Examples



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Workout

Question 1: Draw angles of the following size

- |                |                |                |                |
|----------------|----------------|----------------|----------------|
| (a) $20^\circ$ | (b) $60^\circ$ | (c) $80^\circ$ | (d) $40^\circ$ |
| (e) $10^\circ$ | (f) $70^\circ$ | (g) $50^\circ$ | (h) $45^\circ$ |
| (i) $25^\circ$ | (j) $85^\circ$ | (k) $75^\circ$ | (l) $15^\circ$ |
| (m) $12^\circ$ | (n) $62^\circ$ | (o) $38^\circ$ | (p) $71^\circ$ |
| (q) $56^\circ$ | (r) $23^\circ$ | (s) $28^\circ$ | (t) $19^\circ$ |

Question 2: Draw angles of the following size

- |                 |                 |                 |                 |
|-----------------|-----------------|-----------------|-----------------|
| (a) $100^\circ$ | (b) $150^\circ$ | (c) $160^\circ$ | (d) $120^\circ$ |
| (e) $170^\circ$ | (f) $130^\circ$ | (g) $110^\circ$ | (h) $125^\circ$ |
| (i) $145^\circ$ | (j) $165^\circ$ | (k) $105^\circ$ | (l) $95^\circ$  |
| (m) $153^\circ$ | (n) $107^\circ$ | (o) $98^\circ$  | (p) $133^\circ$ |
| (q) $121^\circ$ | (r) $149^\circ$ | (s) $167^\circ$ | (t) $108^\circ$ |

Question 3: Draw angles of the following size

- |                 |                 |                 |                 |
|-----------------|-----------------|-----------------|-----------------|
| (a) $200^\circ$ | (b) $240^\circ$ | (c) $270^\circ$ | (d) $300^\circ$ |
| (e) $320^\circ$ | (f) $350^\circ$ | (g) $215^\circ$ | (h) $255^\circ$ |
| (i) $345^\circ$ | (j) $195^\circ$ | (k) $233^\circ$ | (l) $268^\circ$ |
| (m) $307^\circ$ | (n) $321^\circ$ | (o) $206^\circ$ | (p) $199^\circ$ |

## Angles: Drawing

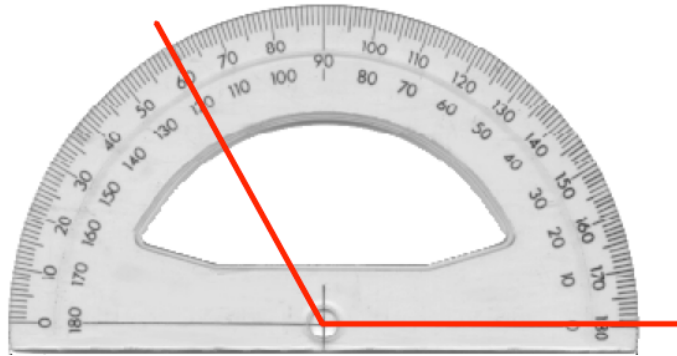
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Question 4: Draw angles of the following size

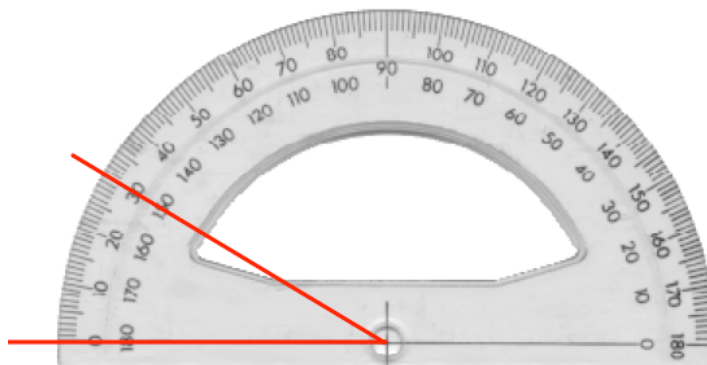
- (a)  $30^\circ$                       (b)  $225^\circ$                       (c)  $175^\circ$                       (d)  $98^\circ$   
(e)  $340^\circ$                       (f)  $15^\circ$                       (g)  $63^\circ$                       (h)  $59^\circ$

Apply

Question 1: Sophie has been asked to draw a  $60^\circ$  angle.  
She has made a mistake. Explain what she has done wrong.



Question 2: Jonathan has been asked to draw a  $150^\circ$  angle.  
He has made a mistake. Explain what he has done wrong.



Answers



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