

# Angle Applications

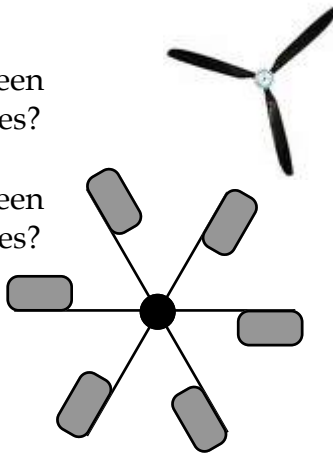
- a A wheel has 18 spokes. Find the angle between adjacent spokes.
- d The Tower of Pisa leans  $5^\circ$  to the vertical. What angle does it make with the horizontal?
- e Through how many degrees does the hour hand of a clock turn in one hour?
- h Through how many degrees does the minute hand of a clock turn in four minutes?
- i A girl faces North. She turns clockwise until she face South-East. Through what angle does she turn?
- k What is the angle between the adjacent sides of a square?

- m What is the angle between the hands of a clock when the time is 5 o'clock?

- n A man faces East. He turns clockwise until he faces North. Though what angle does he turn?

- o What is the angle between adjacent propeller blades?

- p What is the angle between adjacent windmill blades?

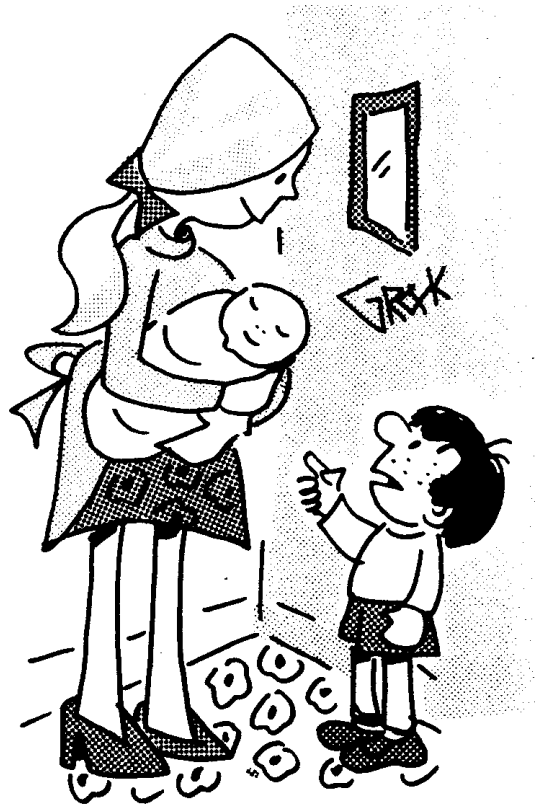


- r A boy faces South-West. He turns clockwise until he is facing North-East. Through what angle does he turn?

- s What is the acute angle between the hands of a clock at 4.30?

- t What is the obtuse angle between the hands of a clock at half past 9?

- u Through what angle does the minute hand of a clock turn in 29 minutes?



135

45	174	60	60	120	45	30

45	24	30

150	20	90	30	45

150	30

180	30	85	174	270	85	20	270	105

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