

Name_____

Date_____

ANGLES AND THE CLOCK EX. 1

1) Through how many degrees does the hour hand of a clock pass in

- | | |
|-------------------------|-----------------------------|
| a) 1 hour;_____degrees | b) 2 hours; _____degrees |
| c) 1 day;_____degrees | d) 6 hours; _____degrees |
| e) 3 hours;_____degrees | f) 30 minutes? _____degrees |

2) Through how many degrees does the minute hand of a clock pass in

- | | |
|--------------------------|--------------------------|
| a) 1 min;_____degrees | b) 5 mins; _____degrees; |
| c) 15 mins;_____degrees | d) 60 mins:_____degrees; |
| e) 1½ hours;_____degrees | f) 30 mins?_____degrees |

3) Through how many degrees does the second hand of a clock pass in

- | | |
|-------------------------|-------------------------|
| a) 45 secs;_____degrees | b) 1 min;_____degrees |
| c) 30 secs;_____degrees | d) 20 secs;_____degrees |
| e) 50 secs;_____degrees | f) 5 secs?_____degrees |

4) Through how many degrees does the hour hand of a clock move from 3.00 a.m. to 5.00 a.m.?

_____degrees

5) When the minute hand of a clock goes from 11.00 to 11.25, through how many degrees has it moved?

_____degrees

6) When the time goes from 08:20 to 08:24, through how many degrees has the second hand of a clock moved?

_____degrees