

NAME

DATE

ANGLES AND THE CLOCK 2

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

- a) 3 hours; _____° d) 24 hours; _____°
b) 5 hours; _____° e) $\frac{1}{2}$ a day; _____°
c) 2 days; _____° f) 90 minutes? _____°

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

- a) 2 mins; _____° d) 90 mins; _____°
b) 10 mins; _____° e) $\frac{1}{4}$ hour; _____°
c) 45 mins; _____° f) 2 hours? _____°

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

- a) 2 secs; _____° d) 15 secs; _____°
b) 10 secs; _____° e) 40 secs; _____°
c) 2 mins; _____° f) 3 minutes? _____°

④ When the time changes from 8:00 a.m. to 12:00 noon, through how many degrees has the hour hand of a clock moved?
_____ degrees

⑤ When the minute hand of a clock moves from 09:00 to 09:35, through how many degrees has it travelled?
_____ degrees

⑥ When the time changes from 6:58 p.m. to 7:00 p.m., through how many degrees has the second hand moved?
_____ degrees

⑦ Name the angle formed when the hour hand moves from 3:00 p.m. to 6:00 p.m.
ACUTE REFLEX RIGHT