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2004 Q12

12. Niki usually leaves her cell phone on. If her cell phone is on but she is not actually using it, the battery will last for 24 hours. If she is using it constantly, the battery will last for only 3 hours. Since the last recharge, her phone has been on 9 hours, and during that time she has used it for 60 minutes. If she doesn't talk any more but leaves the phone on, how many more hours will the battery last?
- (A) 7 (B) 8 (C) 11 (D) 14 (E) 15



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2002 Q18

18. Gage skated 1 hr 15 min each day for 5 days and 1 hr 30 min each day for 3 days. How long would he have to skate the ninth day in order to average 85 minutes of skating each day for the entire time?
- (A) 1 hr (B) 1 hr 10 min (C) 1 hr 20 min (D) 1 hr 40 min (E) 2 hr

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2003 Q20

20. What is the measure of the acute angle formed by the hands of a clock at 4:20 a.m.?
- (A) 0° (B) 5° (C) 8° (D) 10° (E) 12°



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1985 Q20

20. In a certain year, January had exactly four Tuesdays and four Saturdays. On what day did January 1 fall that year?

- A) Monday B) Tuesday C) Wednesday D) Friday E) Saturday