**Ch. 3 Review, Form 3A** SCORE

**Write an integer for each situation.**

**1.**  a deposit of $45 **1.**

**2.**  5°C below 0 **2.**

**3.**  a loss of 15 yards **3.**

**For Exercises 4–6, evaluate each expression.**

**4.**  | –11 | **4.**

**5.**  | 4| + | –6 | **5.**

**6.**  | –8 | – | –3| **6.**

**7.**  Graph the set of integers {–3, 2, –5} on a number line. **7.** C2_AM_CH03_69.tif

**8.**  The temperature in Athens was 30°F.Five minutes later it   
was 20°F.What was the average change in temperature

per minute as an integer? **8.**

**9.**  The upper atmosphere of Neptune can get as cold as

–218°C.The inner core of the planet can be as hot   
as 7,000°C.What is the difference between the two   
temperature extremes? **9.**

**10.**  What value of *x* makes 13 – ( –9) = *x* a true sentence? **10.**

**11.**  What value of *n* makes –7(4) = *n* a true sentence? **11.**

**12.**  What value of *t* makes (–2) + (–11) = *t* a true sentence? **12.**

**13.**  What value of *w* makes –24 – (–13) = *w* a true sentence? **13.**

**Evaluate each expression.**

**14.**  –11 – (–3) **14.**

**15.**  –25 + (–12) **15.**

**16.**  8(–11) **16.**

**17.**  40 ÷ (–8) **17.**

**Test, Form 3A** *(continued)* SCORE

**18.**  4 – (–2) **18.**

**19.**  (–3)2 **19.**

**20.** **20.**

**21.**  –7(5) **21.**

**22.**  –6(–4) **22.**

**23.** Trent saved up $500 for summer vacation. If he   
spends $25 a week for eight weeks, how much money   
does he have left from his saving? Explain. **23.**

**Evaluate each expression if *x* = –4, *y* = 6, and *z* = –3.**

**24.**  15 – (–*y*) **24.**

**25.**  20 ÷ *x* **25.**

**26.**  7 + *z* **26.**

**27.**  –2(3*z*) **27.**

**28.**  **28.**

**29.**  *x* + *y* **29.**

**30.** *xy* **30.**

**31.**  *x* – *z* **31.**