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Module 1 Lesson 1





Additional Practice

9

DIGITAL

Determine	whether	each	statement	is true	or	false.	lf a	statement
is false, pr	ovide an	exam	ple to sho	w that i	t is	false.		

17. The product of two integers is also an integer.

True

- **19.** The quotient of two natural numbers is also a natural number. $\frac{\text{False, 7} \div 8 = \frac{7}{8}}{8}$
- 18. The sum of two irrational numbers is also

an irrational number. False, $\sqrt{7} + -\sqrt{7} = 0$

20. The difference of two rational numbers is also

a rational number. True

To describe each of the following examples, identify the most reasonable set of numbers from which to choose. Possible answers.

21. Your normal body temperature:

rationals

23. Circumference of a circular hot tub divided by its diameter:

irrationals

25. Price of a music CD plus sales tax:

rationals

- 27. Baseball batting average: rationals
- 29. Change in stock market prices:

rationals

integers

24. A student's algebra test average:

22. Temperatures at the North Pole:

rationals or whole numbers

- 26. Score from a football game: whole numbers
- 28. Car odometer reading:whole or rational numbers
- 30. The square root of 19:

irrationals

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