

Examining Square Root Relative Values Name:			
Solve each problem.			
1)	Will $\sqrt{97}$	be closer to 9 or closer to 10?	1
2)	Will $\sqrt{74}$	be closer to 8 or closer to 9?	2
3)	Will $\sqrt{78}$	be closer to 8 or closer to 9?	3.
4)	Will $\sqrt{7}$	be closer to 2 or closer to 3?	4
5)	Will $\sqrt{10}$	be closer to 3 or closer to 4?	5
6)	Will $\sqrt{80}$	be closer to 8 or closer to 9?	6
7)	Will $\sqrt{88}$	be closer to 9 or closer to 10?	7
8)	Will $\sqrt{33}$	be closer to 5 or closer to 6?	8
9)	Will $\sqrt{31}$	be closer to 5 or closer to 6?	9
10)	Will $\sqrt{28}$	be closer to 5 or closer to 6?	10
11)	Will $\sqrt{56}$	be closer to 7 or closer to 8?	11
12)	Will $\sqrt{60}$	be closer to 7 or closer to 8?	12
13)	Will $\sqrt{13}$	be closer to 3 or closer to 4?	13
14)	Will $\sqrt{72}$	be closer to 8 or closer to 9?	14
15)	Will $\sqrt{41}$	be closer to 6 or closer to 7?	15
16)	Will $\sqrt{44}$	be closer to 6 or closer to 7?	16
17)	Will $\sqrt{40}$	be closer to 6 or closer to 7?	17
18)	Will $\sqrt{63}$	be closer to 7 or closer to 8?	18
19)	Will $\sqrt{14}$	be closer to 3 or closer to 4?	19
20)	Will $\sqrt{20}$	be closer to 4 or closer to 5?	20
		1-10   95   90   85   80   75   70	65 60 55 50



Answer Key

Name:

## Solve each problem.

- 1) Will  $\sqrt{97}$  be closer to 9 or closer to 10?
- Will  $\sqrt{74}$  be closer to 8 or closer to 9?
- 3) Will  $\sqrt{78}$  be closer to 8 or closer to 9?
- 4) Will  $\sqrt{7}$  be closer to 2 or closer to 3?
- 5) Will  $\sqrt{10}$  be closer to 3 or closer to 4?
- 6) Will  $\sqrt{80}$  be closer to 8 or closer to 9?
- 7) Will  $\sqrt{88}$  be closer to 9 or closer to 10?
- 8) Will  $\sqrt{33}$  be closer to 5 or closer to 6?
- Will  $\sqrt{31}$  be closer to 5 or closer to 6?
- Will  $\sqrt{28}$  be closer to 5 or closer to 6?
- 11) Will  $\sqrt{56}$  be closer to 7 or closer to 8?
- Will  $\sqrt{60}$  be closer to 7 or closer to 8?
- Will  $\sqrt{13}$  be closer to 3 or closer to 4?
- 14) Will  $\sqrt{72}$  be closer to 8 or closer to 9?
- Will  $\sqrt{41}$  be closer to 6 or closer to 7?
- Will  $\sqrt{44}$  be closer to 6 or closer to 7?
- Will  $\sqrt{40}$  be closer to 6 or closer to 7?
- Will  $\sqrt{63}$  be closer to 7 or closer to 8?
- Will  $\sqrt{14}$  be closer to 3 or closer to 4?
- 20) Will  $\sqrt{20}$  be closer to 4 or closer to 5?

- Answers
  - 1. **10**
  - 9
  - 9
  - . 3
  - 3
  - 9
  - 9
  - 6
  - . 0
  - 0. \_\_\_\_\_
  - 1. \_\_\_\_\_
  - 2. \_\_\_\_\_8
  - 3. <del>4</del>
  - 4. \_\_\_**ŏ**\_\_\_
  - 5. \_\_\_\_
  - 16. \_\_\_\_\_
  - 7. <u>6</u>
  - 18. **8**
  - 19. **4**
  - 20 4