DID YOU HEAR ABOUT THE . . .

1	2	3	4	5	6	7	8	9	10
11	12	13	14	15	16	17	18	19	20 ?

Simplify the expression, then find your answer. Write the word next to the correct answer in the box that contains the exercise number.

1 $\sqrt{5} \cdot \sqrt{8}$

2 $3\sqrt{10} \cdot 2\sqrt{15}$

3 $\sqrt{\frac{18}{49}}$

4 $\sqrt{\frac{10x^3}{128x}}$

5 $-12\sqrt{7} + 7\sqrt{7} + \sqrt{7}$

6 $6\sqrt{45} + 9\sqrt{20}$

7 $\sqrt{21x^3} \cdot \sqrt{3x^2}$

8 $\frac{40}{\sqrt{5}}$

9 $\sqrt{11} - 5\sqrt{2} + 6\sqrt{11} - \sqrt{2}$

10 $\sqrt{3xy^3} \cdot \sqrt{8xy^4}$

11 $\frac{15}{2\sqrt{75}}$

12 $5\sqrt{12} - \sqrt{300} + 4\sqrt{27}$

13 $2\sqrt{2}\left(-8\sqrt{72}\right)$

14 $\sqrt{\frac{1}{80}}$

15 $10\sqrt{98} - 3\sqrt{50}$

16 $\sqrt{15m^3n} \cdot \sqrt{6m^5n^2}$

17 $\frac{3\sqrt{10}}{\sqrt{15}}$

18 $-4\sqrt{25n} + 2\sqrt{81n} + \sqrt{700n}$

19 $\sqrt{20mn} \cdot \sqrt{5m^3}$

20 $\frac{6\sqrt{11n^2}}{\sqrt{3n}}$

Answers 1-10

- $\frac{x\sqrt{5}}{8}$ DECIDED
- $2xy^2\sqrt{5y}$ ON
- $8\sqrt{5}$ POLE
- $2\sqrt{10}$ JAVELIN
- $5\sqrt{11} - 8\sqrt{2}$ CLIMBER
- $-4\sqrt{7}$ TO
- $12\sqrt{5}$ JUMP
- $30\sqrt{6}$ THROWER
- $3x^2\sqrt{7x}$ A
- $\frac{x\sqrt{3}}{16}$ BROKE
- $2xy^3\sqrt{6y}$ WHEN
- $\frac{3\sqrt{2}}{7}$ WHO
- $9x^2\sqrt{3x}$ CHAMPION
- $36\sqrt{5}$ BECOME
- $7\sqrt{11} - 6\sqrt{2}$ VAULTER

Answers 11-20

- $12\sqrt{3}$ TIP
- $5m^4\sqrt{2n}$ SHOT
- $2\sqrt{33n}$ DIRT
- $55\sqrt{2}$ JAVELIN
- $-2\sqrt{n} + 10\sqrt{7n}$ IN
- $\frac{3\sqrt{5}}{10}$ THAT
- -192 OF
- $3m^4n\sqrt{10n}$ GOT
- $48\sqrt{2}$ SHOE
- $\frac{\sqrt{3}}{2}$ THE
- $4n\sqrt{33}$ GROUND
- $10m^2\sqrt{n}$ THE
- $\frac{\sqrt{5}}{20}$ HIS
- $\sqrt{6}$ STUCK
- $-4\sqrt{n} + 7\sqrt{10n}$ UP

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