

THEME ROUND ANSWER KEY

March 28, 2015

1 Songs

1. 175 (pounds)
2. 3136
3. B
4. 19 (seconds)
5. (2916,54)

2 Physics

1. 0 (meters)
2. 18
3. $\frac{3}{4}$
4. $\frac{37}{924}$
5. $\frac{231}{8}$ or $28\frac{7}{8}$ (years)

3 Frisbees

1. 1612 (kids)
2. 0.00000001% or $\frac{1}{10000000000}$ or 10^{-10} or $10^{-8}\%$ [Note: count zeroes carefully!]
3. $\sqrt{3}$
4. 18
5. 0 (ways)-Check with a Head Grader before grading this, as this answer may change.