Rates & Unit Rates – RP.2 Name: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Period: 1 2 3 4

These rates have been recorded from actual world-record holders! Determine the unit rate for each one, and **SHOW YOUR WORK**. Then, write the unit rate below the rate. Use an emoji to show your reaction! ☺

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Record & Record Holder** | **Rate** | **Work Space** | **Unit Rate** | **Your Reaction****(Emoji-Style!)** |
| Longest Human Tunnel traveled through by a Dog Skateboarder(Otto the Bulldog) | $$\frac{150 humans}{5 tunnels}$$ |  | $$\frac{ humans}{1 tunnel}$$\_\_\_\_\_ humans per tunnel  | Image result for wow emoji |
| Fastest Piggy Back(Owen Larson & Jordan Botright)Fastest mile piggy back race | $$\frac{168 minutes}{15 miles}$$ |  |  |  |
| Most Toilet Seats Broken on Head (Kevin Shelley)Most toilet seats broken by the head in one minute | $$\frac{2,070 toilet seats}{45 minutes}$$ |  |  |  |
| **Record & Record Holder** | **Rate** | **Work Space** | **Unit Rate** | **Your Reaction****(Emoji-Style!)** |
| Fastest Time to Pop 100 Balloons by a Dog (Twinkie) | $$\frac{100 balloons}{40 seconds}$$ |  |  |  |
| Most Balls Caught by a Dog with its Paws (Purin the Beagle) | $$\frac{84 balls}{6 minutes}$$ |  |  |  |
| Longest Nails(Lee Redmond)Longest fingernails on a pair of hands (female) - ever | $$\frac{152 inches}{5 nails}$$ |  |  |  |
| Most Big Macs Consumed(Donald Gorske) | $$\frac{16,250 Big Macs}{25 years}$$ |  |  |  |

Rates & Unit Rates – RP.2 Name: **KEY**

Period: 1 2 3 4

These rates have been recorded from actual world-record holders! Determine the unit rate for each one, and **SHOW YOUR WORK**. Then, write the unit rate below the rate. Use an emoji to show your reaction! ☺

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Record & Record Holder** | **Rate** | **Work Space** | **Unit Rate** | **Your Reaction****(Emoji-Style!)** |
| Longest Human Tunnel traveled through by a Dog Skateboarder(Otto the Bulldog) | $$\frac{150 humans}{5 tunnels}$$ | 5 150 | $$\frac{ 30 humans}{1 tunnel}$$**30 humans****per tunnel** | Image result for wow emoji |
| Fastest Piggy Back(Owen Larson & Jordan Botright)Fastest mile piggy back race | $$\frac{168 minutes}{15 miles}$$ | 15 168 | $$\frac{ 11.2 minutes}{1 mile}$$**11.2 minutes****per mile** | **Answers vary** |
| Most Toilet Seats Broken on Head (Kevin Shelley)Most toilet seats broken by the head in one minute | $$\frac{2,070 toilet seats}{45 minutes}$$ | 45 2,070 | $$\frac{46 toilet seats}{1 minute}$$**46 toilet seats per minute** | **Answers vary** |
| **Record & Record Holder** | **Rate** | **Work Space** | **Unit Rate** | **Your Reaction****(Emoji-Style!)** |
| Fastest Time to Pop 100 Balloons by a Dog (Twinkie) | $$\frac{100 balloons}{40 seconds}$$ | 40 100 | $$\frac{ 2.5 balloons}{1 second}$$**2.5 balloons****per second** | **Answers vary** |
| Most Balls Caught by a Dog with its Paws (Purin the Beagle) | $$\frac{84 balls}{6 minutes}$$ | 6 84 | $$\frac{ 14 balls}{1 minute}$$**14 balls****per minute** | **Answers vary** |
| Longest Nails(Lee Redmond)Longest fingernails on a pair of hands (female) - ever | $$\frac{152 inches}{5 nails}$$ | 5 152 | $$\frac{ 30.4 inches}{1 nail}$$**30.4 inches per nail** | **Answers vary** |
| Most Big Macs Consumed(Donald Gorske) | $$\frac{16,250 Big Macs}{25 years}$$ | 25 16,250 | $$\frac{ 650 Big Macs}{1 year}$$**650 Big Macs per year** | **Answers vary** |