

# Rock and Roll

**Object of the game:** To be the first player to mark out all the numbers on your game board. (For a shorter game, be the first player to mark out at least 6 numbers.)

## Materials needed:

- Gameboard – 1 for each player
- Dry erase markers/boards/erasers
- Gamecards
- A pair of 6-sided or 10-sided dice

## To play

- Shuffle the game cards and place them where everyone can reach them.
- First player draws a card and solves the problem and checks the answer. If the answer contains a digit the player still has open on their game board, they can scratch out that digit. For example, if the answer contains the digit 3, the player can scratch out the digit “3” on the game board. **You can only scratch out one number per turn, so even if your answer has several of the digits you have open, you can only scratch out one number.** Then it’s the next player’s turn.

**Rock Cards** - If you draw a rock card you can use it to block a number on your opponent’s game board. Put the rock on the number you want to block. To move the block, your opponent must use a turn to roll the dice. To move the block, they must roll

- The blocked number on either of the die
- Numbers on both dice that can be combined by any operation to equal the blocked number. (For example, if the blocked number is 8, and they roll a 2 and a 4,  $2 \times 4 = 8$ , so they can unblock the 8. ) If they do not unblock it with the roll, then it stays blocked until they do.

**Bulldozer Cards** – if you draw a bulldozer, you can use it to remove a rock without using a turn or rolling the dice. You cannot save bulldozer cards. If you draw a bulldozer, but you don’t have any rocks to remove. Just set it aside or mix it back into the stack of draw cards.

**Printing:** Landscape, Black and White, One-sided

**Unit: 5<sup>th</sup> – Decimals: Division****Lesson: Dividing Decimals: 1-Digit Whole Number Divisors****Rock & Roll**

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|                        |                         |                         |                          |                        |                         |
|------------------------|-------------------------|-------------------------|--------------------------|------------------------|-------------------------|
| 1.<br><br><b>.39</b>   | 2.<br><br><b>4.22</b>   | 3.<br><br><b>.151</b>   | 4.<br><br><b>141.7</b>   | 5.<br><br><b>2.06</b>  | 6.<br><br><b>15.97</b>  |
| 7.<br><br><b>1.838</b> | 8.<br><br><b>6.78</b>   | 9.<br><br><b>0.163</b>  | 10.<br><br><b>109.7</b>  | 11.<br><br><b>1.09</b> | 12.<br><br><b>32.21</b> |
| 13.<br><br><b>1.11</b> | 14.<br><br><b>11.62</b> | 15.<br><br><b>1.42</b>  | 16.<br><br><b>0.0378</b> | 17.<br><br><b>24.1</b> | 18.<br><br><b>21.89</b> |
| 19.<br><br><b>1.9</b>  | 20.<br><br><b>31.8</b>  | 21.<br><br><b>14.3</b>  | 22.<br><br><b>1.604</b>  | 23.<br><br><b>19.4</b> | 24.<br><br><b>1.429</b> |
| 25.<br><br><b>10.2</b> | 26.<br><br><b>5.18</b>  | 27.<br><br><b>0.058</b> | 28.<br><br><b>1.183</b>  | 29.<br><br><b>2.93</b> | 30.<br><br><b>2.24</b>  |

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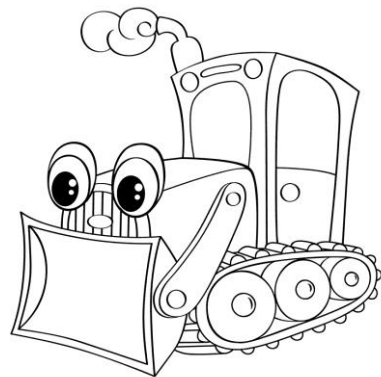
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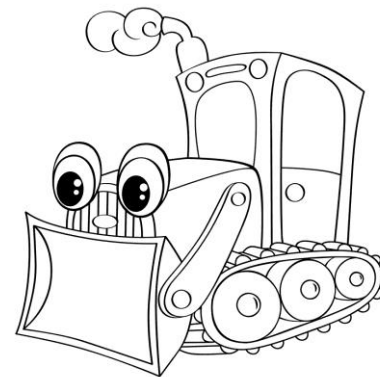
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Dividing Decimals: 1-digit whole number divisors – Rock & Roll



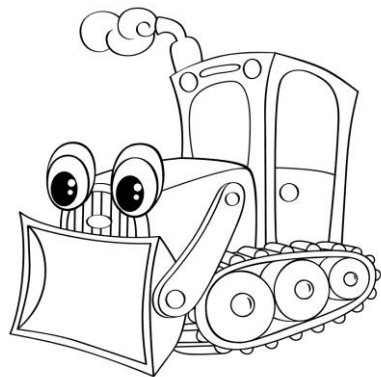
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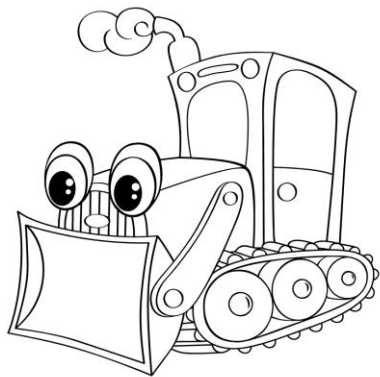
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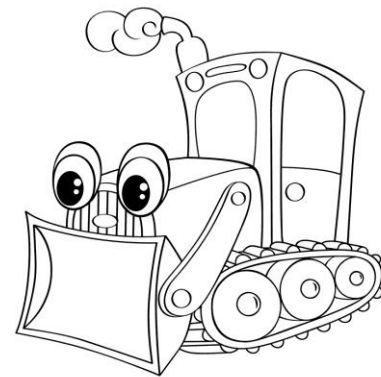
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Dividing Decimals: 1-digit whole number divisors – Rock & Roll



Dividing Decimals: 1-digit whole number divisors – Rock & Roll

1

$$5 \overline{) 1.95}$$

Dividing Decimals: 1-digit whole number divisors – Rock &amp; Roll

2

$$6 \overline{) 25.32}$$

Dividing Decimals: 1-digit whole number divisors – Rock &amp; Roll

3

$$4 \overline{) .604}$$

Dividing Decimals: 1-digit whole number divisors – Rock &amp; Roll

4

$$3 \overline{) 425.1}$$

Dividing Decimals: 1-digit whole number divisors – Rock &amp; Roll

5

$$4 \overline{) 8.24}$$

Dividing Decimals: 1-digit whole number divisors – Rock &amp; Roll

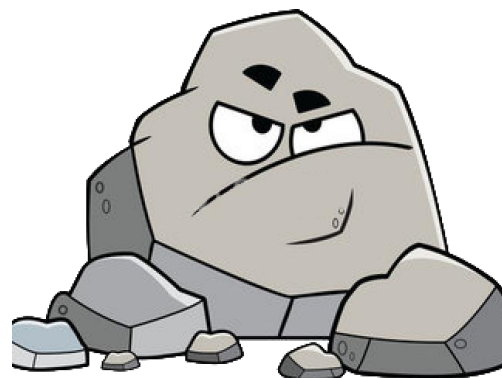
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$$5 \overline{) 79.85}$$

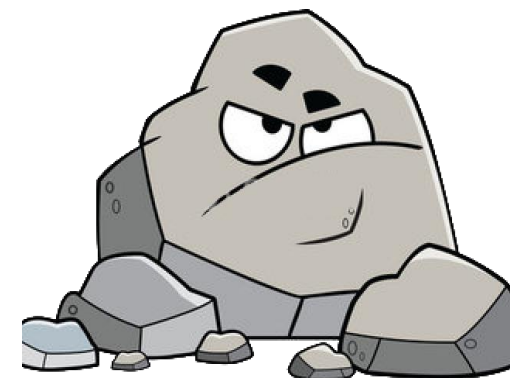
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Dividing Decimals: 1-digit whole number divisors – Rock &amp; Roll



7

$$5 \overline{) 9.190}$$

Dividing Decimals: 1-digit whole number divisors – Rock &amp; Roll

8

$$9 \overline{) 61.02}$$

Dividing Decimals: 1-digit whole number divisors – Rock &amp; Roll

9

$$6 \overline{) .978}$$

Dividing Decimals: 1-digit whole number divisors – Rock &amp; Roll

10

$$5 \overline{) 548.5}$$

Dividing Decimals: 1-digit whole number divisors – Rock &amp; Roll

11

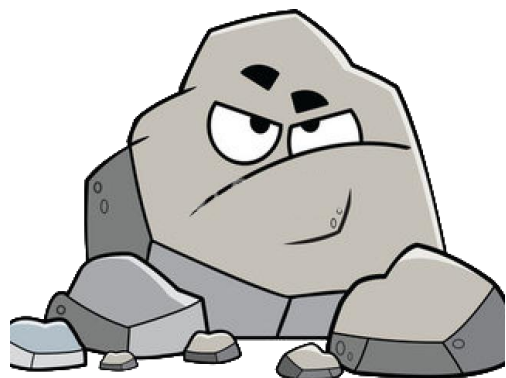
$$7 \overline{) 7.63}$$

Dividing Decimals: 1-digit whole number divisors – Rock &amp; Roll

12

$$3 \overline{) 96.63}$$

Dividing Decimals: 1-digit whole number divisors – Rock &amp; Roll



Dividing Decimals: 1-digit whole number divisors – Rock &amp; Roll



Dividing Decimals: 1-digit whole number divisors – Rock &amp; Roll



Dividing Decimals: 1-digit whole number divisors – Rock &amp; Roll

13

$$7 \overline{) 7.77}$$

Dividing Decimals: 1-digit whole number divisors – Rock & Roll

14

$$5 \overline{) 58.10}$$

Dividing Decimals: 1-digit whole number divisors – Rock & Roll

15

$$7 \overline{) 9.94}$$

Dividing Decimals: 1-digit whole number divisors – Rock & Roll

16

$$5 \overline{) .1890}$$

Dividing Decimals: 1-digit whole number divisors – Rock & Roll

17

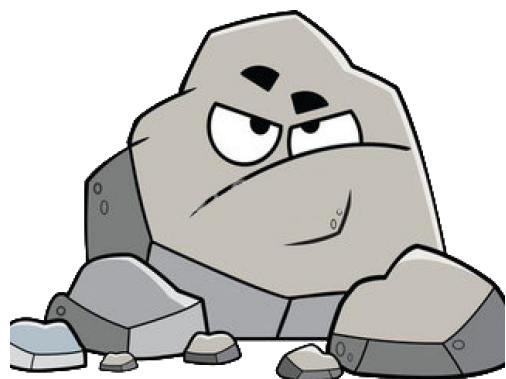
$$3 \overline{) 72.3}$$

Dividing Decimals: 1-digit whole number divisors – Rock & Roll

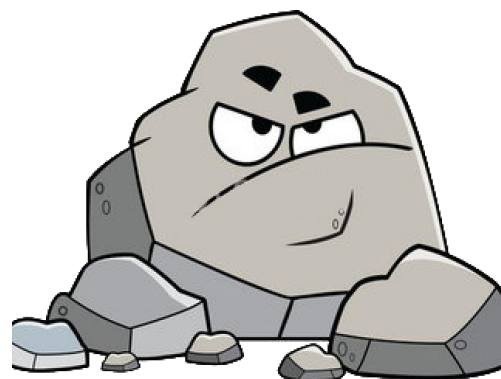
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$$4 \overline{) 87.56}$$

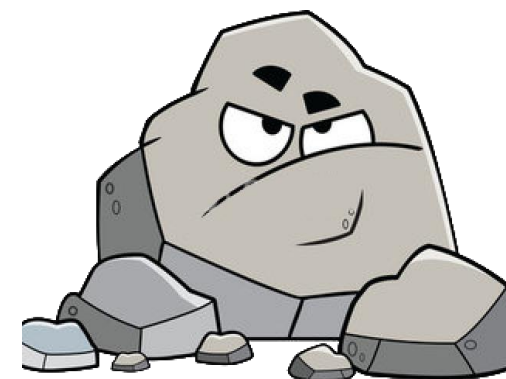
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Dividing Decimals: 1-digit whole number divisors – Rock & Roll

19

$$3 \overline{) 5.70}$$

Dividing Decimals: 1-digit whole number divisors – Rock &amp; Roll

20

$$2 \overline{) 63.60}$$

Dividing Decimals: 1-digit whole number divisors – Rock &amp; Roll

21

$$3 \overline{) 42.9}$$

Dividing Decimals: 1-digit whole number divisors – Rock &amp; Roll

22

$$6 \overline{) 9.624}$$

Dividing Decimals: 1-digit whole number divisors – Rock &amp; Roll

23

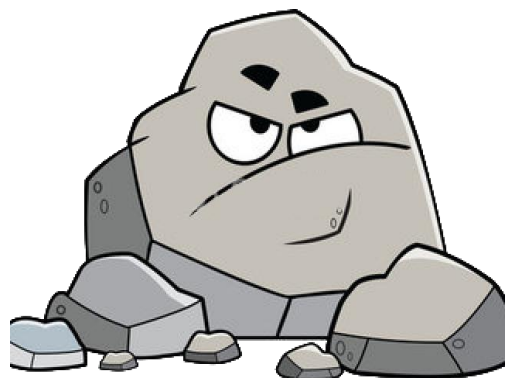
$$4 \overline{) 77.6}$$

Dividing Decimals: 1-digit whole number divisors – Rock &amp; Roll

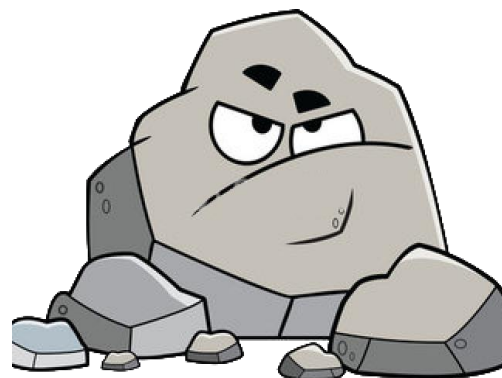
24

$$5 \overline{) 7.145}$$

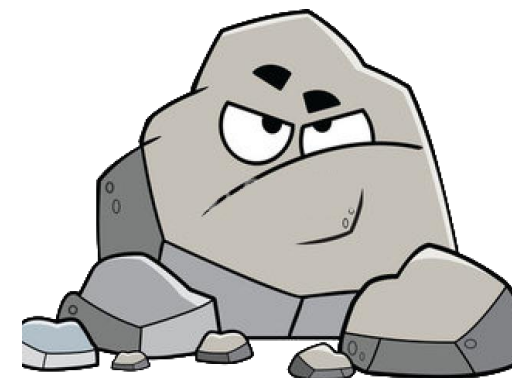
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Dividing Decimals: 1-digit whole number divisors – Rock &amp; Roll



Dividing Decimals: 1-digit whole number divisors – Rock &amp; Roll

25

$$9 \overline{) 91.8}$$

26

$$6 \overline{) 31.08}$$

27

$$5 \overline{) .290}$$

Dividing Decimals: 1-digit whole number divisors – Rock &amp; Roll

Dividing Decimals: 1-digit whole number divisors – Rock &amp; Roll

Dividing Decimals: 1-digit whole number divisors – Rock &amp; Roll

28

$$8 \overline{) 9.464}$$

29

$$3 \overline{) 8.79}$$

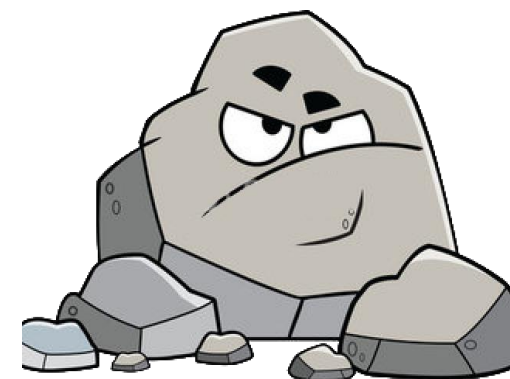
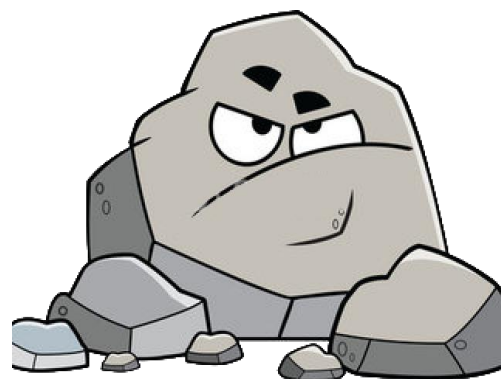
30

$$8 \overline{) 17.92}$$

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