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# EXPRES TS II

TABLE–SELECTION GAME

Select one correct answer for each of the questions in the test and press the Finish button at the end. The answers will be validated automatically.



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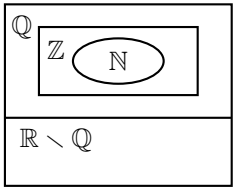
The following diagram presents: $\mathbb{N}$ – Natural numbers, $\mathbb{Z}$ – Integers, $\mathbb{Q}$ – Rational numbers, $\mathbb{R} \setminus \mathbb{Q}$ – Irrational numbers. In the table, specify the smallest number set to which the given number belongs.




| | | $\mathbb{N}$ | $\mathbb{Z} \setminus \mathbb{N}$ | $\mathbb{Q} \setminus \mathbb{Z}$ | $\mathbb{R} \setminus \mathbb{Q}$ |
|---|---|---|---|---|---|
| 1. | $0.2^{-1}$ | ☐ | ☐ | ☐ | ☐ |
| 2. | $\sqrt{1\frac{1}{16}}$ | ☐ | ☐ | ☐ | ☐ |
| 3. | $\left(\frac{4}{9}\right)^{3} \cdot \left(\frac{8}{27}\right)^{-2}$ | ☐ | ☐ | ☐ | ☐ |
| 4. | $\left(\sqrt{\pi}\right)^{2}$ | ☐ | ☐ | ☐ | ☐ |
| 5. | $(-0.5)^{-3}$ | ☐ | ☐ | ☐ | ☐ |
| 6. | $\sqrt[3]{-16} \cdot \sqrt[3]{32}$ | ☐ | ☐ | ☐ | ☐ |
| 7. | $\sqrt[3]{-15\frac{5}{8}}$ | ☐ | ☐ | ☐ | ☐ |
| 8. | $(128)^{\frac{1}{7}}$ | ☐ | ☐ | ☐ | ☐ |