

Ratio (answers)

page 1

| | | | | | |
|---|---|---|---|---|---|
| 1 | 2 | / | 1 | | |
| | ⊘ | ⊘ | ⊘ | | |
| ⊙ | ⊙ | ⊙ | ⊙ | ⊙ | ⊙ |
| ① | ① | ① | ① | ① | ① |
| ② | ② | ② | ② | ② | ② |
| ③ | ③ | ③ | ③ | ③ | ③ |
| ④ | ④ | ④ | ④ | ④ | ④ |
| ⑤ | ⑤ | ⑤ | ⑤ | ⑤ | ⑤ |
| ⑥ | ⑥ | ⑥ | ⑥ | ⑥ | ⑥ |
| ⑦ | ⑦ | ⑦ | ⑦ | ⑦ | ⑦ |
| ⑧ | ⑧ | ⑧ | ⑧ | ⑧ | ⑧ |
| ⑨ | ⑨ | ⑨ | ⑨ | ⑨ | ⑨ |

2 ① **2** ③ ④ ⑤

3 ① ② **3** ④ ⑤

4 ① ② ③ ④ **5**

5 ① **2** ③ ④ ⑤

6 ① **2** ③ ④ ⑤

7 ① **2** ③ ④ ⑤

8 **1** ② ③ ④ ⑤

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| | | | | | |
|---|---|---|---|---|---|
| 9 | 1 | / | 4 | | |
| | ⊘ | ⊘ | ⊘ | | |
| ⊙ | ⊙ | ⊙ | ⊙ | ⊙ | ⊙ |
| ① | ① | ① | ① | ① | ① |
| ② | ② | ② | ② | ② | ② |
| ③ | ③ | ③ | ③ | ③ | ③ |
| ④ | ④ | ④ | ④ | ④ | ④ |
| ⑤ | ⑤ | ⑤ | ⑤ | ⑤ | ⑤ |
| ⑥ | ⑥ | ⑥ | ⑥ | ⑥ | ⑥ |
| ⑦ | ⑦ | ⑦ | ⑦ | ⑦ | ⑦ |
| ⑧ | ⑧ | ⑧ | ⑧ | ⑧ | ⑧ |
| ⑨ | ⑨ | ⑨ | ⑨ | ⑨ | ⑨ |

10 ① **2** ③ ④ ⑤

11 ① **2** ③ ④ ⑤

12 ① **2** ③ ④ ⑤

13 ① ② **3** ④ ⑤

14 ① ② **3** ④ ⑤

| | | | | | |
|----|---|---|---|---|---|
| 15 | 4 | / | 5 | | |
| | ⊘ | ⊘ | ⊘ | | |
| ⊙ | ⊙ | ⊙ | ⊙ | ⊙ | ⊙ |
| ① | ① | ① | ① | ① | ① |
| ② | ② | ② | ② | ② | ② |
| ③ | ③ | ③ | ③ | ③ | ③ |
| ④ | ④ | ④ | ④ | ④ | ④ |
| ⑤ | ⑤ | ⑤ | ⑤ | ⑤ | ⑤ |
| ⑥ | ⑥ | ⑥ | ⑥ | ⑥ | ⑥ |
| ⑦ | ⑦ | ⑦ | ⑦ | ⑦ | ⑦ |
| ⑧ | ⑧ | ⑧ | ⑧ | ⑧ | ⑧ |
| ⑨ | ⑨ | ⑨ | ⑨ | ⑨ | ⑨ |

16 ① **2** ③ ④ ⑤

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17 **1** ② ③ ④ ⑤

18 ① **2** ③ ④ ⑤

19 ① **2** ③ ④ ⑤

20 ① ② **3** ④ ⑤

| | | | | | |
|----|---|---|---|---|---|
| 21 | 3 | / | 4 | | |
| | ⊘ | ⊘ | ⊘ | | |
| ⊙ | ⊙ | ⊙ | ⊙ | ⊙ | ⊙ |
| ① | ① | ① | ① | ① | ① |
| ② | ② | ② | ② | ② | ② |
| ③ | ③ | ③ | ③ | ③ | ③ |
| ④ | ④ | ④ | ④ | ④ | ④ |
| ⑤ | ⑤ | ⑤ | ⑤ | ⑤ | ⑤ |
| ⑥ | ⑥ | ⑥ | ⑥ | ⑥ | ⑥ |
| ⑦ | ⑦ | ⑦ | ⑦ | ⑦ | ⑦ |
| ⑧ | ⑧ | ⑧ | ⑧ | ⑧ | ⑧ |
| ⑨ | ⑨ | ⑨ | ⑨ | ⑨ | ⑨ |

22 ① **2** ③ ④ ⑤

23 **1** ② ③ ④ ⑤

24 ① **2** ③ ④ ⑤

Ratio (answers)

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25 ① ② ③ ④ ⑤

26 ① ② ③ ④ ⑤

27 ① ② ③ ④ ⑤

28 ① ② ③ ④ ⑤

29 ① ② ③ ④ ⑤

30 ① ② ③ ④ ⑤

31 ① ② ③ ④ ⑤

32 ① ② ③ ④ ⑤

33 ① ② ③ ④ ⑤

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| | | | | | |
|----|---|---|---|---|---|
| 34 | 3 | / | 5 | | |
| | ⊘ | ⊘ | ⊘ | | |
| | ⊙ | ⊙ | ⊙ | ⊙ | ⊙ |
| | ① | ① | ① | ① | ① |
| | ② | ② | ② | ② | ② |
| | ③ | ③ | ③ | ③ | ③ |
| | ④ | ④ | ④ | ④ | ④ |
| | ⑤ | ⑤ | ⑤ | ⑤ | ⑤ |
| | ⑥ | ⑥ | ⑥ | ⑥ | ⑥ |
| | ⑦ | ⑦ | ⑦ | ⑦ | ⑦ |
| | ⑧ | ⑧ | ⑧ | ⑧ | ⑧ |
| | ⑨ | ⑨ | ⑨ | ⑨ | ⑨ |

35 ① ② ③ ④ ⑤

36 ① ② ③ ④ ⑤

37 ① ② ③ ④ ⑤

| | | | | | |
|----|---|---|---|---|---|
| 38 | 3 | / | 2 | | |
| | ⊘ | ⊘ | ⊘ | | |
| | ⊙ | ⊙ | ⊙ | ⊙ | ⊙ |
| | ① | ① | ① | ① | ① |
| | ② | ② | ② | ② | ② |
| | ③ | ③ | ③ | ③ | ③ |
| | ④ | ④ | ④ | ④ | ④ |
| | ⑤ | ⑤ | ⑤ | ⑤ | ⑤ |
| | ⑥ | ⑥ | ⑥ | ⑥ | ⑥ |
| | ⑦ | ⑦ | ⑦ | ⑦ | ⑦ |
| | ⑧ | ⑧ | ⑧ | ⑧ | ⑧ |
| | ⑨ | ⑨ | ⑨ | ⑨ | ⑨ |

39 ① ② ③ ④ ⑤

40 ① ② ③ ④ ⑤

41 ① ② ③ ④ ⑤

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42 ① ② ③ ④ ⑤

| | | | | | |
|----|---|---|---|---|---|
| 43 | 3 | / | 4 | | |
| | ⊘ | ⊘ | ⊘ | | |
| | ⊙ | ⊙ | ⊙ | ⊙ | ⊙ |
| | ① | ① | ① | ① | ① |
| | ② | ② | ② | ② | ② |
| | ③ | ③ | ③ | ③ | ③ |
| | ④ | ④ | ④ | ④ | ④ |
| | ⑤ | ⑤ | ⑤ | ⑤ | ⑤ |
| | ⑥ | ⑥ | ⑥ | ⑥ | ⑥ |
| | ⑦ | ⑦ | ⑦ | ⑦ | ⑦ |
| | ⑧ | ⑧ | ⑧ | ⑧ | ⑧ |
| | ⑨ | ⑨ | ⑨ | ⑨ | ⑨ |