

# 反射テスト 暗算 小数 ⇒ 分数 01

1. 次の小数を分数にせよ. ( S 級 30 秒, A 級 45 秒, B 級 1 分, C 級 3 分 )

(1) 0.1

(2) 0.2

(3) 0.3

(4) 0.4

(5) 0.5

(6) 0.6

(7) 0.7

(8) 0.8

(9) 0.9

(10) 0.25

(11) 0.75

(12) 0.125

(13) 0.375

(14) 0.625

(15) 0.875

2. 次の小数を分数にせよ。(S級30秒, A級45秒, B級1分, C級2分)

(1) 0.5

(2) 0.2

(3) 0.25

(4) 0.4

(5) 0.3

(6) 0.125

(7) 0.7

(8) 0.375

(9) 0.1

(10) 0.6

(11) 0.75

(12) 0.9

(13) 0.875

(14) 0.8

(15) 0.625

# 反射テスト 暗算 小数 ⇒ 分数 01 解答解説

1. 次の小数を分数にせよ。(S級30秒, A級45秒, B級1分, C級3分)

## ★ 小数を分数にする方法

例  $0.75 = \frac{75}{100} = \frac{3}{4}$

☆下にあるものを暗記しておくとも計算が早くできる。

(1) 0.1

$$= \frac{1}{10}$$

(2) 0.2

$$= \frac{2}{10} = \frac{1}{5}$$

(3) 0.3

$$= \frac{3}{10}$$

(4) 0.4

$$= \frac{4}{10} = \frac{2}{5}$$

(5) 0.5

$$= \frac{5}{10} = \frac{1}{2}$$

(6) 0.6

$$= \frac{6}{10} = \frac{3}{5}$$

(7) 0.7

$$= \frac{7}{10}$$

(8) 0.8

$$= \frac{8}{10} = \frac{4}{5}$$

(9) 0.9

$$= \frac{9}{10}$$

(10) 0.25

$$= \frac{25}{100} = \frac{1}{4}$$

☆  $25 \times 4 = 100$

(11) 0.75

$$= \frac{75}{100} = \frac{3}{4}$$

☆  $0.25 \times 3 = 0.75$

$$\Rightarrow \frac{1}{4} \times 3 = \frac{3}{4}$$

(12) 0.125

$$= \frac{125}{1000} = \frac{1}{8}$$

☆  $125 \times 8 = 1000$

(13) 0.375

$$= \frac{375}{1000} = \frac{3}{8}$$

☆  $0.125 \times 3 = 0.375$

$$\Rightarrow \frac{1}{8} \times 3 = \frac{3}{8}$$

(14) 0.625

$$= \frac{625}{1000} = \frac{5}{8}$$

☆  $0.125 \times 5 = 0.625$

$$\Rightarrow \frac{1}{8} \times 5 = \frac{5}{8}$$

(15) 0.875

$$= \frac{875}{1000} = \frac{7}{8}$$

☆  $0.125 \times 7 = 0.875$

$$\Rightarrow \frac{1}{8} \times 7 = \frac{7}{8}$$

2. 次の小数を分数にせよ。(S級30秒, A級45秒, B級1分, C級2分)

(1) 0.5  
 $= \frac{5}{10} = \frac{1}{2}$

(2) 0.2  
 $= \frac{2}{10} = \frac{1}{5}$

(3) 0.25  
 $= \frac{25}{100} = \frac{1}{4}$   
☆  $25 \times 4 = 100$

(4) 0.4  
 $= \frac{4}{10} = \frac{2}{5}$

(5) 0.3  
 $= \frac{3}{10}$

(6) 0.125  
 $= \frac{125}{1000} = \frac{1}{8}$   
☆  $125 \times 8 = 1000$

(7) 0.7  
 $= \frac{7}{10}$

(8) 0.375  
 $= \frac{375}{1000} = \frac{3}{8}$   
☆  $0.125 \times 3 = 0.375$   
 $\Rightarrow \frac{1}{8} \times 3 = \frac{3}{8}$

(9) 0.1  
 $= \frac{1}{10}$

(10) 0.6  
 $= \frac{6}{10} = \frac{3}{5}$

(11) 0.75  
 $= \frac{75}{100} = \frac{3}{4}$   
☆  $0.25 \times 3 = 0.75$   
 $\Rightarrow \frac{1}{4} \times 3 = \frac{3}{4}$

(12) 0.9  
 $= \frac{9}{10}$

(13) 0.875  
 $= \frac{875}{1000} = \frac{7}{8}$

(14) 0.8  
 $= \frac{8}{10} = \frac{4}{5}$

(15) 0.625  
 $= \frac{625}{1000} = \frac{5}{8}$   
☆  $0.125 \times 5 = 0.625$   
 $\Rightarrow \frac{1}{8} \times 5 = \frac{5}{8}$

☆  $0.125 \times 7 = 0.875$   
 $\Rightarrow \frac{1}{8} \times 7 = \frac{7}{8}$