

ANALYSE DE PRODUCTION D'ÉLÈVES DE 6ÈME

Étudier les connaissances et les difficultés liées aux nombres et aux fractions à partir des productions d'élèves de 6ème ci-dessous.

élève 1

Exercice 2 : Complète les pointillés. (6 points) **3/6**

0,5 a) $9,6 = 9 + \frac{6}{10} = \frac{96}{10}$ x

0,5 b) $12,59 = 12 + \frac{5}{10} + \frac{9}{100} = 12 + \frac{59}{100} = \frac{1259}{100}$ x

0 c) $8,409 = \dots 8 \dots + \frac{4}{10} + \frac{9}{1000} = \dots 8 \dots + \frac{409}{1000} = \frac{8409}{1000}$ x

1 d) $\frac{26}{10} = \frac{20}{10} + \frac{6}{10} = 2 + \frac{6}{10} = 2,6$... ✓

0,5 e) $\frac{80}{1000} = \frac{8}{100} = 0,08$ x

0,5 f) $\frac{356}{100} = \frac{300}{100} + \frac{50}{100} + \frac{6}{100} = 3 + \frac{5}{10} + \frac{6}{100} = 3,56$ ✓

élève 2

Exercice 2 : Complète les pointillés. (6 points) **2,25/6**

1 a) $9,6 = 9 + \frac{6}{10} = \frac{96}{10}$ ✓

0,25 b) $12,59 = 12 + \frac{5}{10} + \frac{9}{100} = 12 + \frac{59}{100} = \frac{1259}{100}$ x

0 c) $8,409 = \dots 8 \dots + \frac{4}{10} + \frac{9}{1000} = \dots 8 \dots + \frac{409}{1000} = \frac{8409}{1000}$ x

1 d) $\frac{26}{10} = \frac{20}{10} + \frac{6}{10} = 2 + \frac{6}{10} = 2,6$... ✓

0 e) $\frac{80}{1000} = \frac{8}{100} = 0,08$ x

0 f) $\frac{356}{100} = \frac{300}{100} + \frac{50}{100} + \frac{6}{100} = 3 + \frac{5}{10} + \frac{6}{100} = 3,56$ x

élève 3

Exercice 2 : Complète les pointillés. (6 points)

4,75/6

a) $9,6 = 9 + \frac{6}{10} = \frac{96}{10}$ ✓

0,5 b) $12,59 = 12 + \frac{5}{10} + \frac{9}{100} = 12 + \frac{59}{100} = \frac{1259}{100}$ Relis toi

0,25 c) $8,409 = \frac{8409}{1000} = \frac{8409}{1000}$ X

0,5 d) $\frac{26}{10} = \frac{20}{10} + \frac{6}{10} = 2 + \frac{6}{10} = 2, \dots$

0,5 e) $\frac{80}{1000} = \frac{8}{100} = \frac{800}{1000}$ X

0 f) $\frac{356}{100} = \frac{300}{100} + \frac{50}{100} + \frac{6}{100} = \dots + \frac{5}{10} + \frac{6}{100} = \dots$ X

élève 4

Exercice 2 : Complète les pointillés. (6 points)

3/6

0 a) $9,6 = 9 + \frac{6}{10} = \frac{96}{10}$ X

0 b) $12,59 = 12 + \frac{59}{100} = 12 + \frac{59}{100} = \frac{1259}{100}$ X

0 c) $8,409 = \dots + \frac{409}{1000} = \dots + \frac{409}{1000} = \frac{8409}{1000}$ X

1 d) $\frac{26}{10} = \frac{20}{10} + \frac{6}{10} = 2 + \frac{6}{10} = 2, \dots$ ✓

1 e) $\frac{80}{1000} = \frac{8}{100} = \frac{800}{1000}$ ✓

1 f) $\frac{356}{100} = \frac{300}{100} + \frac{50}{100} + \frac{6}{100} = \dots + \frac{5}{10} + \frac{6}{100} = \dots$ ✓

élève 5

Exercice 2 : Complète les pointillés. (6 points) **4,5/6**

1 a) $9,6 = 9 + \frac{6}{10} = \frac{96}{10}$ ✓

1 b) $12,59 = 12 + \frac{5}{10} + \frac{9}{100} = 12 + \frac{59}{100} = \frac{1259}{100}$ ✓

1 c) $8,409 = \dots 8 \dots + \frac{4}{10} + \frac{9}{1000} = \dots 8 \dots + \frac{409}{1000} = \frac{8409}{1000}$ ✓

1 d) $\frac{26}{10} = \frac{20}{10} + \frac{6}{10} = 2 + \frac{6}{10} = 2,6 \dots \dots$ ✓

0 e) $\frac{80}{1000} = \frac{80}{100} = 0,8 \dots$ ✗

0,5 f) $\frac{356}{100} = \frac{356}{100} + \frac{56}{100} + \frac{6}{100} = \dots 3 \dots + \frac{5}{10} + \frac{6}{100} = 3,56$ ✓

élève 6

Exercice 2 : Complète les pointillés. (6 points) **0/6**

0 a) $9,6 = 9 + \frac{90}{10} = \frac{60}{10}$ ✗

0 b) $12,59 = 12 + \frac{5}{10} + \frac{90}{100} = 12 + \frac{509}{100} = \frac{2}{100}$ ✗

0 c) $8,409 = \dots 2 \dots + \frac{400}{100} + \frac{0}{10} = \dots 2 \dots + \frac{2}{2} = \frac{2}{2}$ ✗

0 d) $\frac{26}{10} = \frac{20}{10} + \frac{20}{10} = 2 + \frac{4}{10} = 2,2304$ ✗

0 e) $\frac{80}{1000} = \frac{?}{100} = ? \dots ?$ ✗

0 f) $\frac{356}{100} = \frac{?}{100} + \frac{?}{100} + \frac{?}{100} = \dots ? \dots + \frac{?}{10} + \frac{?}{10} = ? \dots \dots$ ✗

élève 7

Exercice 2 : Complète les pointillés. (6 points)

3,516

1 a) $9,6 = 9 + \frac{6}{10} = \frac{96}{10}$ ✓

0,25 b) $12,59 = 12 + \frac{5}{10} + \frac{9}{100} = 12 + \frac{50}{100} + \frac{9}{100}$ ✓

0,25 c) $8,409 = 8 + \frac{4}{10} + \frac{9}{1000} = 8 + \frac{400}{1000} + \frac{9}{1000}$ ✓

1 d) $\frac{26}{10} = \frac{20}{10} + \frac{6}{10} = 2 + \frac{6}{10} = 2,6$ ✓

0,5 e) $\frac{80}{1000} = \frac{8}{100} = 0,08$ ✓

0,5 f) $\frac{356}{100} = \frac{300}{100} + \frac{50}{100} + \frac{6}{100} = 3 + \frac{5}{10} + \frac{6}{100} = 3,56$ ✓