Year 4 division statements A

Fluency

1. 16 ÷ ___ = 4
2. ___ ÷ 6 = 5
3. 100 ÷ 4 =
4. 18 ÷ ___ = 1.8

Reasoning

For each mathematical statement, use the P.E.A approach to create an effective answer

a) Dividing an even number by 2 will always produce an even quotient.
b) Odd numbers can only be divided by 1 and themselves.
c) Dividing 2-digit whole numbers by 1-digit numbers will always make the quotient smaller.

Challenge

Write a mathematical statement about division or multiplication.

Swap your book with a partner and see if they can prove your statement to be true or false.

Year 4 division statements B

Fluency

1. 160 ÷ ___ = 4
2. ___ ÷ 12 = 9
3. 500 ÷ 4 =
4. 18 ÷ ___ = 0.18

Reasoning

For each mathematical statement, use the P.E.A approach to create an effective answer

a) Dividing an odd number shall always produce a quotient with a decimal value.
b) n ÷ 0.5 = 2n for any positive, whole integer.
c) Any odd 2-digit whole number divided by 2 shall always have a remainder. Example: 93 ÷ 2

Challenge

Use the number facts below to create a mathematical statement which is true.

1 ÷ 4 = 0.25
10 ÷ 4 = 2.5
100 ÷ 4 = 25
1000 ÷ 4 = 250

Year 4 division statements A

Fluency

5. 16 ÷ ___ = 4
6. ___ ÷ 6 = 5
7. 100 ÷ 4 =
8. 18 ÷ ___ = 1.8

Reasoning

For each mathematical statement, use the P.E.A approach to create an effective answer

d) Dividing an even number by 2 will always produce an even quotient.
e) Odd numbers can only be divided by 1 and themselves.
f) Dividing 2-digit whole numbers by 1-digit numbers will always make the quotient smaller.

Challenge

Write a mathematical statement about division or multiplication.

Swap your book with a partner and see if they can prove your statement to be true or false.

Year 4 division statements B

Fluency

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6. ___ ÷ 12 = 9
7. 500 ÷ 4 =
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Challenge

Use the number facts below to create a mathematical statement which is true.

1 ÷ 4 = 0.25
10 ÷ 4 = 2.5
100 ÷ 4 = 25
1000 ÷ 4 = 250