

Interpret remainders

1

51 riders are split evenly among 5 buses. How many riders REMAIN once the buses are evenly filled?



51 riders 5 buses

A



6 remaining

B



5 remaining

2

A deck of 51 cards is dealt evenly to 5 players. How many cards REMAIN in the deck at the end?



51 cards 5 players

A

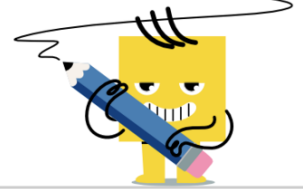


6 cards

B



7 cards



Interpret remainders

3

Find this missing value for the remainder in this long division

$$\begin{array}{r} 3 \\ 4 \overline{)12} \\ \underline{12} \\ ? \end{array}$$

A 2

B 10

C 3

D 4

E 9

F 0

4

Find this missing value for the remainder in this long division

$$\begin{array}{r} 9 \\ 6 \overline{)55} \\ \underline{54} \\ ? \end{array}$$

A 4

B 1

C 8

D 6

E 7

F 3

5

What is the remainder in this long division?

$$\begin{array}{r} 7 \\ 6 \overline{)46} \\ \underline{42} \\ ? \end{array}$$

A 8

B 13

C 6

D 1

E 5

F 4

6

What is the remainder in this long division?

$$\begin{array}{r} 82 \\ 8 \overline{)656} \\ \underline{64} \\ 16 \\ \underline{16} \\ ? \end{array}$$

A 3

B 4

C 0

D 9

E 5

F 7

7

What is the remainder in this long division?

$$\begin{array}{r} 11 \\ 5 \overline{)56} \\ \underline{5} \\ 06 \\ \underline{5} \\ ? \end{array}$$

A 2

B 7

C 1

D 8

E 3

F 4

8

Divide these numbers and find the remainder if any

$$\begin{array}{r} 90 \\ 2 \end{array}$$

A 46 remainder 5

B 40 remainder 4

C 45 remainder 0

D 45 remainder 3

E 42 remainder 3

F 40 remainder 5

9

Divide these numbers and find the remainder if any

$$894 \div 22$$

A 43 remainder 18

B 40 remainder 14

C 38 remainder 13

D 39 remainder 16

E 44 remainder 11

F 44 remainder 12

10

Divide these numbers and find the remainder if any

$$499 \div 6$$

A 83 remainder 1

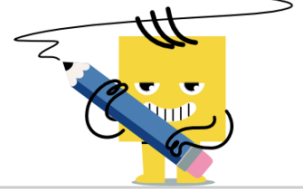
B 80 remainder 1

C 80 remainder 2

D 79 remainder 0

E 78 remainder 4

F 78 remainder 2



Interpret remainders

11

56 riders are split evenly among 19 cars. How many riders REMAIN once the cars are evenly filled?



56 riders 19 cars

A



18 remaining

B



17 remaining

12

Divide these numbers and find the remainder if any

$$12 \overline{)30}$$

- | | | |
|------------------|-----------------|-----------------|
| A 4 remainder 10 | B 0 remainder 1 | C 2 remainder 6 |
| D 6 remainder 5 | E 6 remainder 7 | F 2 remainder 3 |

13

Divide these numbers and find the remainder if any

$$6 \overline{)13}$$

- | | | |
|-----------------|-----------------|-----------------|
| A 4 remainder 3 | B 2 remainder 1 | C 4 remainder 4 |
| D 6 remainder 4 | E 3 remainder 4 | F 4 remainder 1 |

14

Divide these numbers and find the remainder if any

$$8 \overline{)3977}$$

- | | | |
|-------------------|-------------------|-------------------|
| A 496 remainder 4 | B 496 remainder 2 | C 498 remainder 4 |
| D 492 remainder 0 | E 499 remainder 0 | F 497 remainder 1 |

15

Divide these numbers and find the remainder if any

$$8 \overline{)426}$$

- | | | |
|------------------|------------------|------------------|
| A 50 remainder 3 | B 48 remainder 4 | C 54 remainder 1 |
| D 57 remainder 0 | E 49 remainder 5 | F 53 remainder 2 |