Name Date

FRACTIONS OF NUMBERS SHEET 4

Use division and multiplication to help you find these fractions.

1) $^1/_5$ of 30 = ___ 2) $^2/_5$ of 30 = ___ 3) $^4/_5$ of 30 = ___

4) $^1/_6$ of 24 = ___ 5) $^5/_6$ of 24 = ___ 6) $^1/_{10}$ of 40 = ___

7) $^7/_{10}$ of 40 = ___ 8) $^1/_9$ of 18 = ___ 9) $^5/_9$ of 18 = ___

10) $^1/_8$ of 80 = ___ 11) $^3/_8$ of 80 = ___ 12) $^1/_{15}$ of 30 = ___

13) $^6/_{15}$ of 30 = ___ 14) $^1/_3$ of 45 = ___ 15) $^2/_3$ of 45 = ___

16) $^1/_7$ of 42 = ___ 17) $^4/_7$ of 42 = ___ 18) $^1/_{12}$ of 36 = ___

19) $^7/_{12}$ of 36 = ___ 20) $^1/_{20}$ of 100 = ___ 21) $^9/_{20}$ of 100 = ___

22) $^1/_5$ of 45 = ___ 23) $^3/_5$ of 45 = ___ 24) $^4/_5$ of 45 = ___

CALCULATOR CHALLENGE

Use a calculator to work out these fractions

1) $^1/_3$ of 186 = ____ 2) $^2/_3$ of 186 = ____ 3) ¼ of 368 = ____

4) ¾ of 168 = ____ 5) $^1/_9$ of 378 = ____ 6) $^5/_9$ of 378 = ____

7) $^1/_7$ of 861 = ____ 8) $^4/_7$ of 861 = ____ 9) $^1/_5$ of 965 = ____

10) $^3/_5$ of 965 = ____ 11) $^1/_{12}$ of 468 = ____ 12) $^7/_{12}$ of 468 = ____

13) Captain Salamander is out fishing. He manages to catch a total of 335 fish in a single day. But $^2/_5$ of the fish manage to escape while he is not looking. How many fish escape? _____ How many are left? ____

Name Date

FRACTIONS OF NUMBERS SHEET 4 ANSWERS

1) $^1/_5$ of 30 = 6
2) $^2/_5$ of 30 = 12
3) $^4/_5$ of 30 = 24
4) $^1/_6$ of 24 = 4
5) $^5/_6$ of 24 = 20
6) $^1/_{10}$ of 40 = 4
7) $^7/_{10}$ of 40 = 28
8) $^1/_9$ of 18 = 2
9) $^5/_9$ of 18 = 10
10) $^1/_8$ of 80 = 10
11) $^3/_8$ of 80 = 30
12) $^1/_{15}$ of 30 = 2
13) $^6/_{15}$ of 30 = 12
14) $^1/_3$ of 45 = 15
15) $^2/_3$ of 45 = 30
16) $^1/_7$ of 42 = 6
17) $^4/_7$ of 42 = 24
18) $^1/_{12}$ of 36 = 3
19) $^7/_{12}$ of 36 = 21
20) $^1/_{20}$ of 100 = 5
21) $^9/_{20}$ of 100 = 45
22) $^1/_5$ of 45 = 9
23) $^3/_5$ of 45 = 27
24) $^4/_5$ of 45 = 36

CALCULATOR CHALLENGE

Use a calculator to work out these fractions

1) $^1/_3$ of 186 = 62
2) $^2/_3$ of 186 = 124
3) ¼ of 368 = 92
4) ¾ of 168 = 276
5) $^1/_9$ of 378 = 42
6) $^5/_9$ of 378 = 210
7) $^1/_7$ of 861 = 123
8) $^4/_7$ of 861 = 492
9) $^1/_5$ of 965 = 193
10) $^3/_5$ of 965 = 579
11) $^1/_{12}$ of 468 = 39
12) $^7/_{12}$ of 468 = 273

13) Captain Salamander is out fishing. He manages to catch a total of 335 fish in a single day. But $^2/_5$ of the fish manage to escape while he is not looking. How many fish escape? 134 How many are left? 201