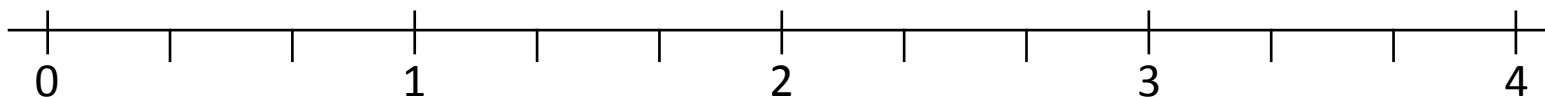
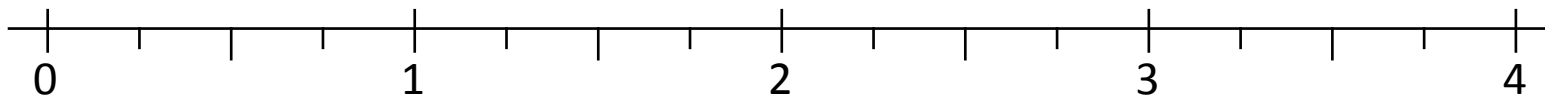
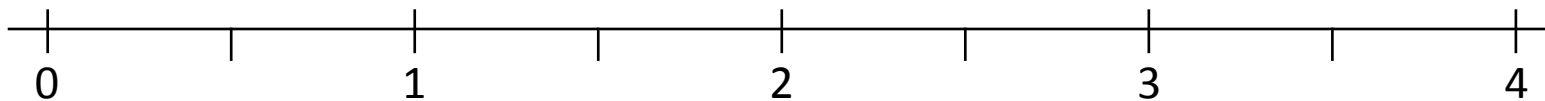


Fraction number lines



Finding $\frac{1}{3}$ of 12

12		

Fraction cards



$$\frac{1}{2}$$

$$\frac{1}{3}$$

$$\frac{1}{4}$$

$$\frac{1}{5}$$

$$\frac{1}{6}$$

$$\frac{1}{8}$$

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

$$\frac{1}{12}$$

$$\frac{1}{2}$$

$$\frac{1}{3}$$

$$\frac{1}{4}$$

$$\frac{1}{5}$$

$$\frac{1}{6}$$

$$\frac{1}{8}$$

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

$$\frac{1}{12}$$

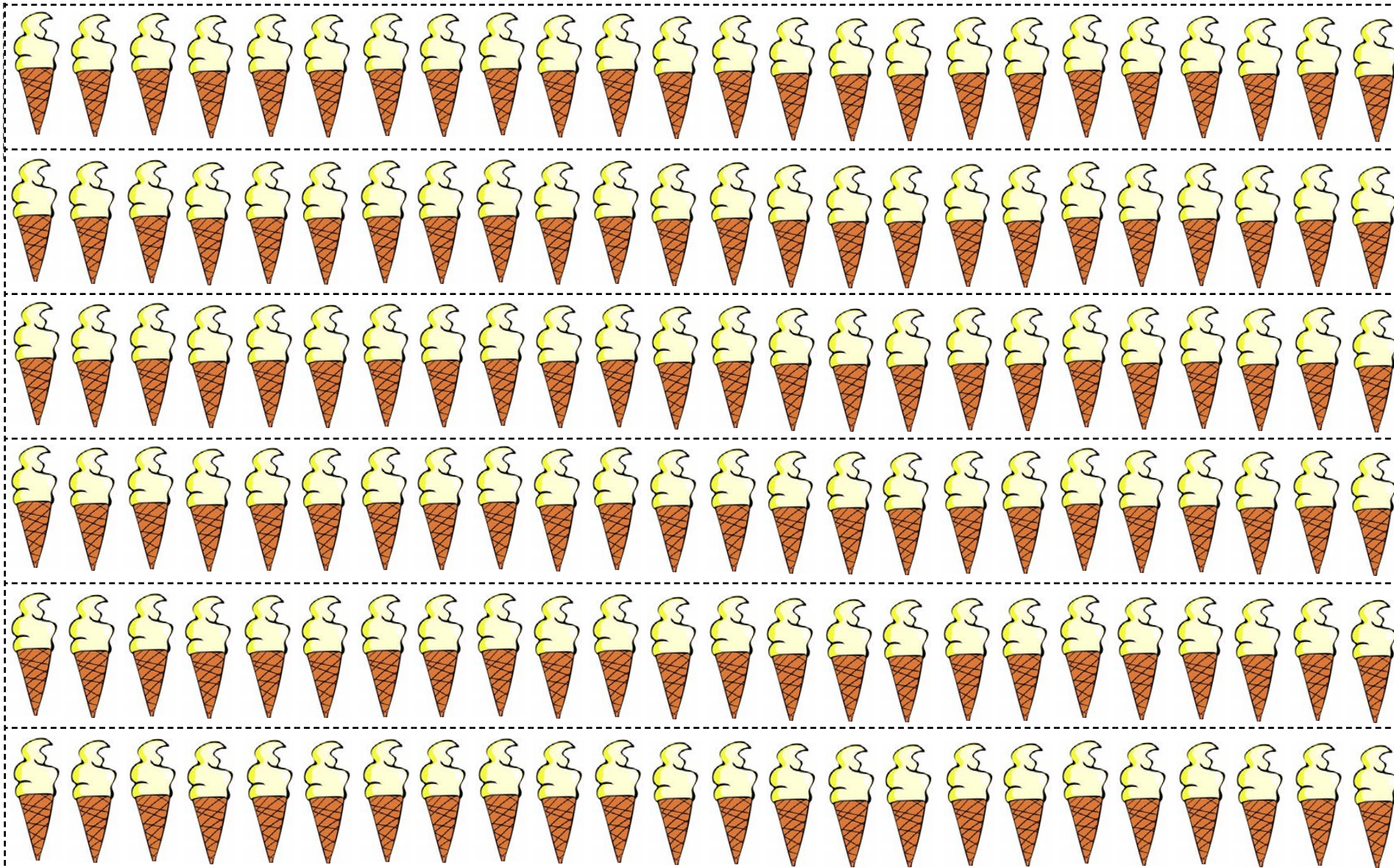
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30

31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50

100 99 98 97 96 95 94 93 92 91 90 89 88 87 86 85 84 83 82



Strips of 24



80 79 78 77 76 75 74 73 72 71 70 69 68 67 66 65 64 63 62 61 60 59 58 57 56 55 54 53 52 51

Finding fractions of amounts

20

20				

24

24					

Non-unit fraction cards

Sheet 1



$\frac{5}{8}$ of 16

$\frac{3}{8}$ of 24

$\frac{2}{3}$ of 12

$\frac{2}{3}$ of 18

$\frac{3}{4}$ of 40

$\frac{2}{5}$ of 35

$\frac{2}{10}$ of 90

$\frac{9}{10}$ of 20

$\frac{7}{8}$ of 24

$\frac{2}{8}$ of 32

$\frac{2}{3}$ of 60

$\frac{2}{4}$ of 100

Non-unit fraction cards

Sheet 2



$\frac{5}{8}$ of 88

$\frac{3}{8}$ of 56

$\frac{4}{5}$ of 55

$\frac{2}{3}$ of 42

$\frac{3}{4}$ of 72

$\frac{2}{5}$ of 75

$\frac{2}{10}$ of 90

$\frac{8}{10}$ of 30

$\frac{7}{8}$ of 48

$\frac{2}{8}$ of 64

$\frac{4}{6}$ of 48

$\frac{2}{4}$ of 60

Non-unit fraction cards
Sheet 3



$\frac{4}{8}$ of 16

$\frac{6}{8}$ of 24

$\frac{3}{5}$ of 45

$\frac{2}{3}$ of 21

$\frac{3}{4}$ of 32

$\frac{2}{5}$ of 25

$\frac{3}{10}$ of 60

$\frac{6}{10}$ of 30

$\frac{2}{8}$ of 40

$\frac{7}{8}$ of 32

$\frac{2}{3}$ of 36

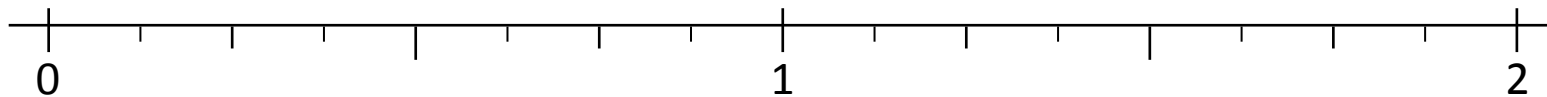
$\frac{4}{5}$ of 35

$\frac{2}{6}$ of 18

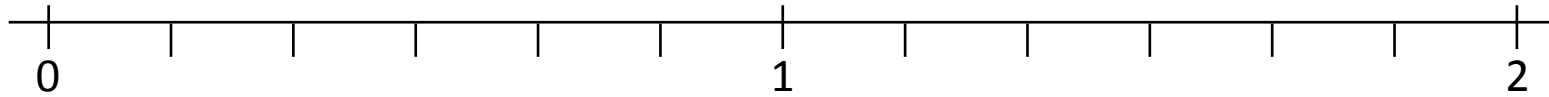
$\frac{5}{6}$ of 36

0 to 2 Fraction lines

Sheet 1

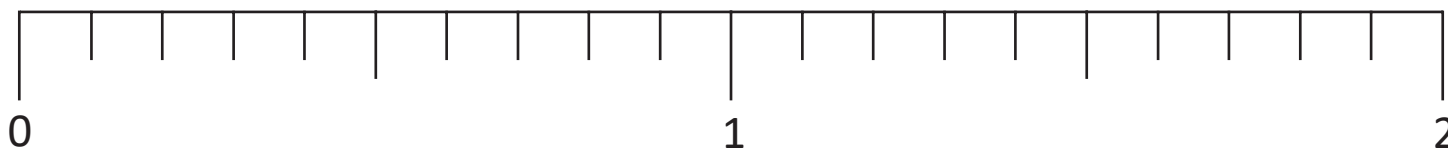


0 to 2 Fraction lines Sheet 2

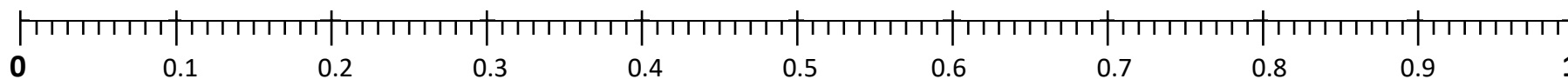


0 to 2 Fraction lines

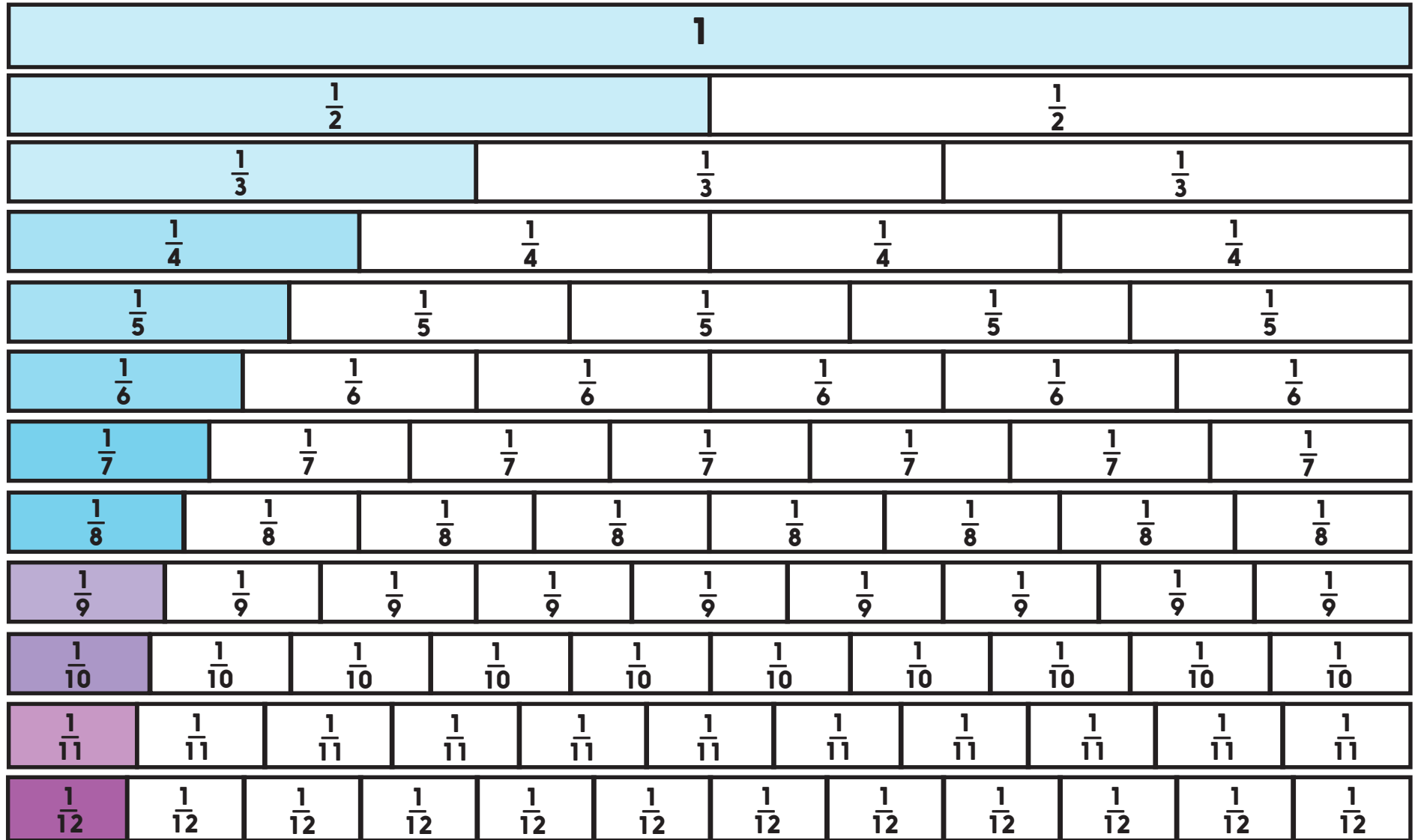
Sheet 3



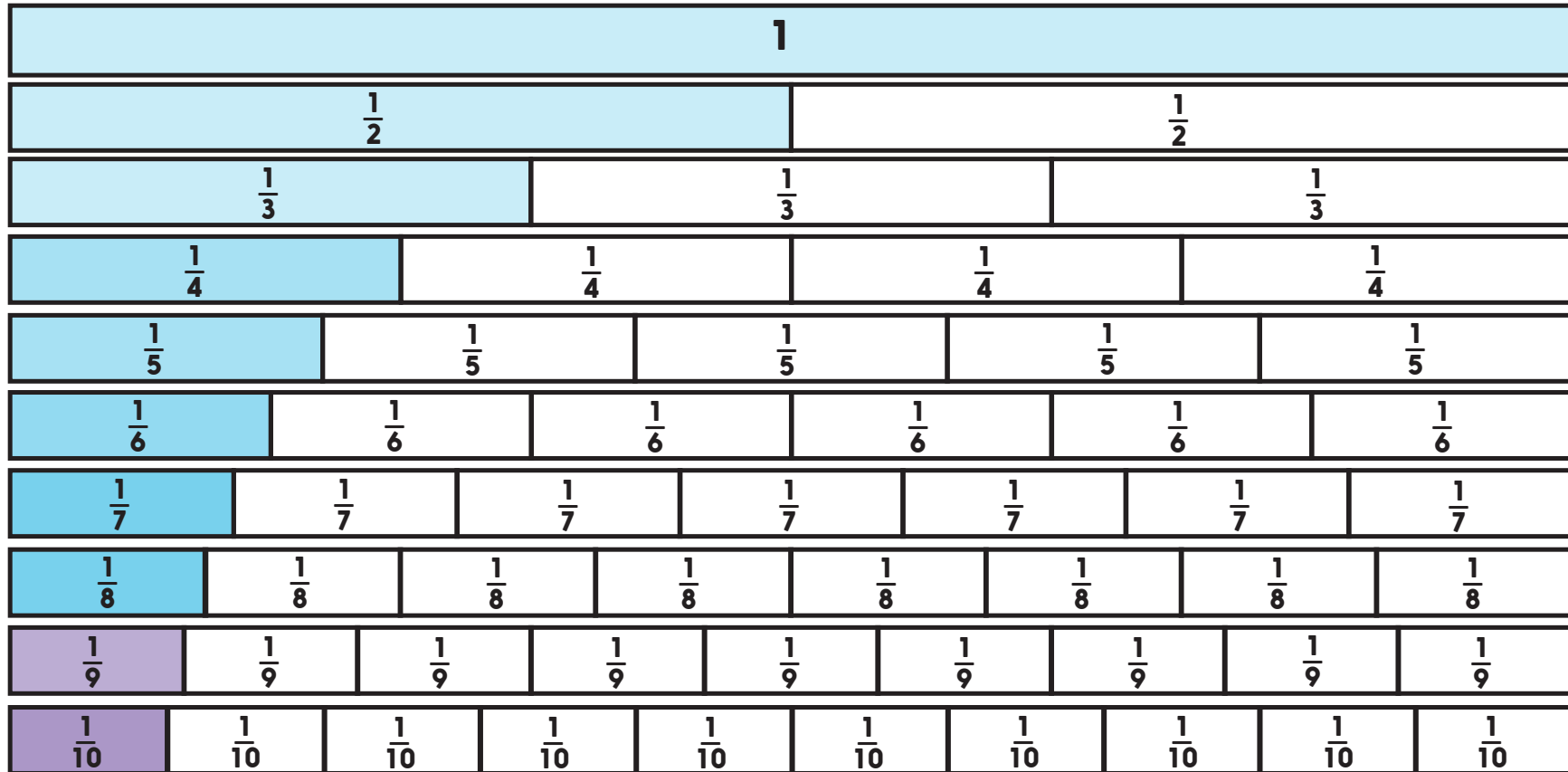
0 to 1 line with 0.1s labelled and marks to show 0.01s



Fraction wall A



Fraction wall B



0 to 1 line marked in $\frac{1}{8}$ s



0 to 1 line marked in $\frac{1}{12}$ s



0 to 1 line marked in $\frac{1}{12}$ s



123456789101112131415161718192021222324252627282930

10099989796959493929190898887868584838281

Finding tenths grid

807978777675747372717069686766656463626160595857565554535251

© Hamilton Trustresources_frac-dec_34878

123456789101112131415161718192021222324252627282930

Blank 100 square

3132333435363738394041424344454647484950

© Hamilton Trustresources_frac-dec_34878

807978777675747372717069686766656463626160595857565554535251

Finding tenths

$\frac{1}{10}$ of 30 is

$\frac{2}{10}$ of 30 is

$\frac{3}{10}$ of 30 is

$\frac{4}{10}$ of 30 is

$\frac{5}{10}$ of 30 is

$\frac{6}{10}$ of 30 is

$\frac{7}{10}$ of 30 is

$\frac{8}{10}$ of 30 is

$\frac{9}{10}$ of 30 is

$\frac{10}{10}$ of 30 is

$\frac{1}{10}$ of 40 is

$\frac{2}{10}$ of 40 is

$\frac{4}{10}$ of 40 is

$\frac{9}{10}$ of 40 is

$\frac{3}{10}$ of 50 is

$\frac{7}{10}$ of 50 is

$\frac{9}{10}$ of 50 is

Fraction and decimal cards

Sheet 1



$$\frac{1}{100}$$

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

$$\frac{2}{10}$$

$$\frac{1}{2}$$

$$\frac{10}{100}$$

$$0.1$$

$$\frac{30}{100}$$

$$0.01$$

$$0.7$$

Fraction and decimal cards

Sheet 2



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

$$\frac{75}{100}$$

$$\frac{5}{10}$$

0.2

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

0.3

$$\frac{50}{100}$$

$$\frac{70}{100}$$

0.25

Fraction and decimal cards

Sheet 3



$$\frac{90}{100}$$

$$\frac{25}{100}$$

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

0.9

$$\frac{1}{4}$$

0.75

$$\frac{3}{5}$$

$$\frac{15}{100}$$

0.15

1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30

100

99

98

97

96

95

94

93

93

92

91

90

89

88

87

86

85

84

83

82

81

80

79

78

77

Fraction pictures

Sheet 1



31

32

33

34

35

36

37

38

39

40

41

42

43

44

45

46

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49

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51

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55

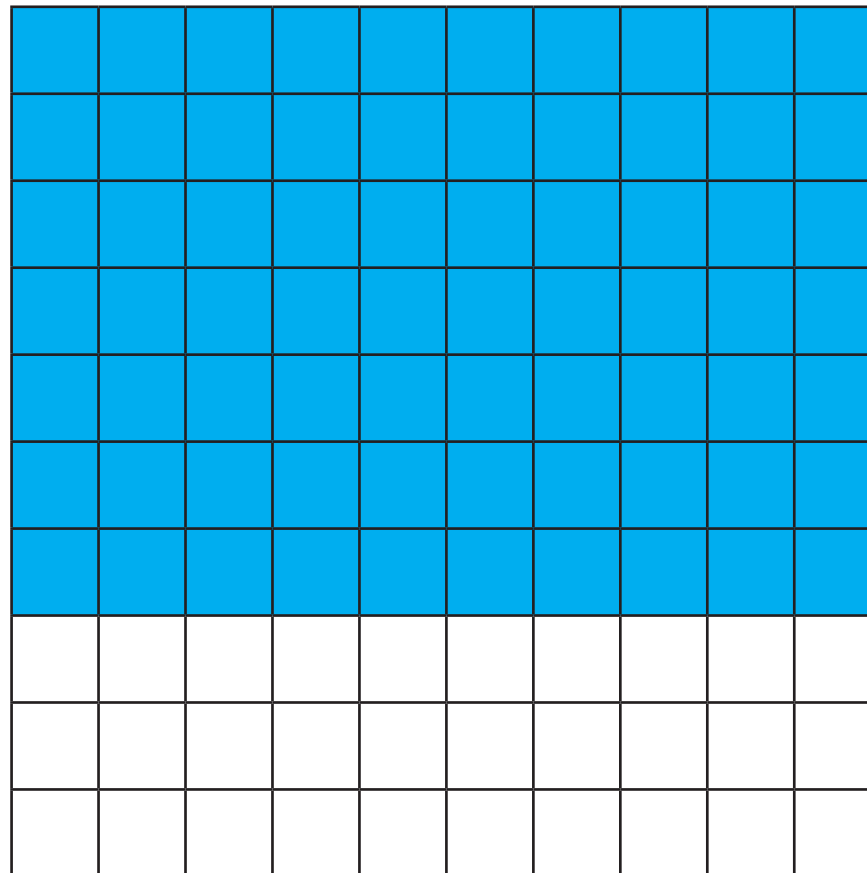
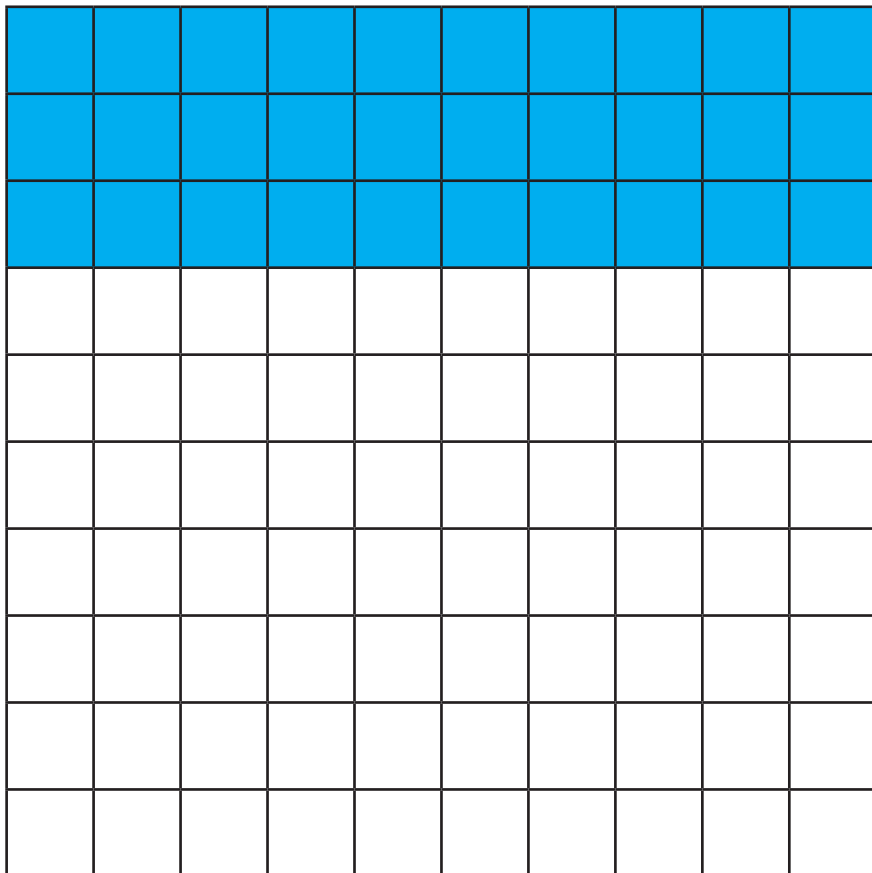
Fraction pictures

Sheet 2



Fraction pictures

Sheet 3



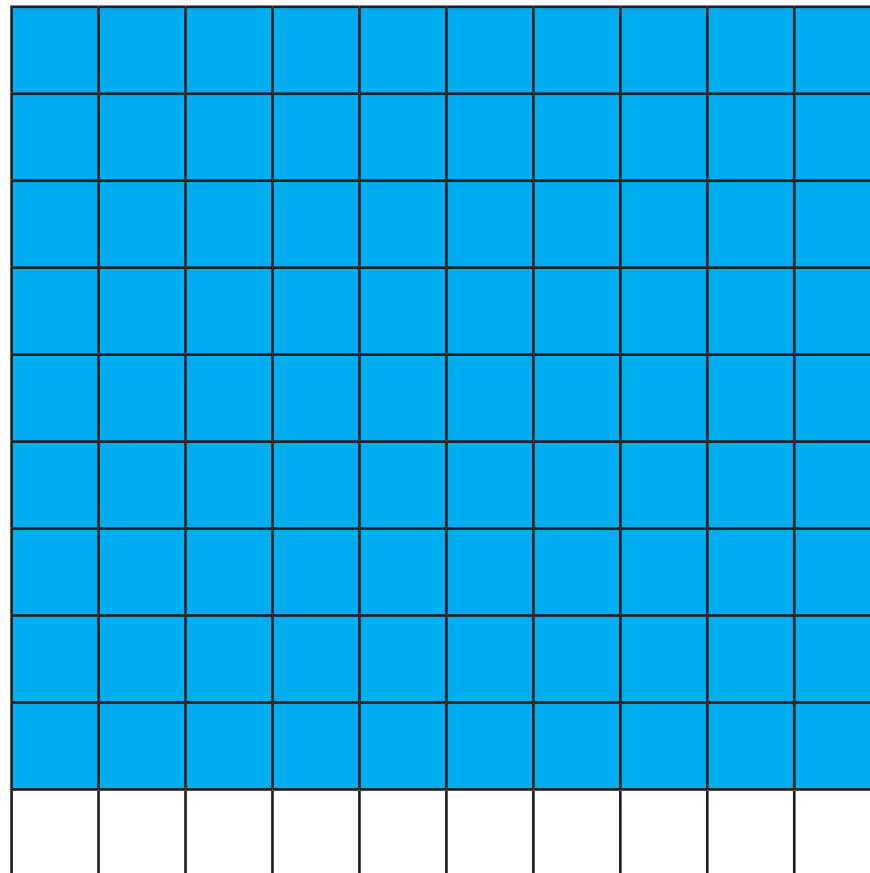
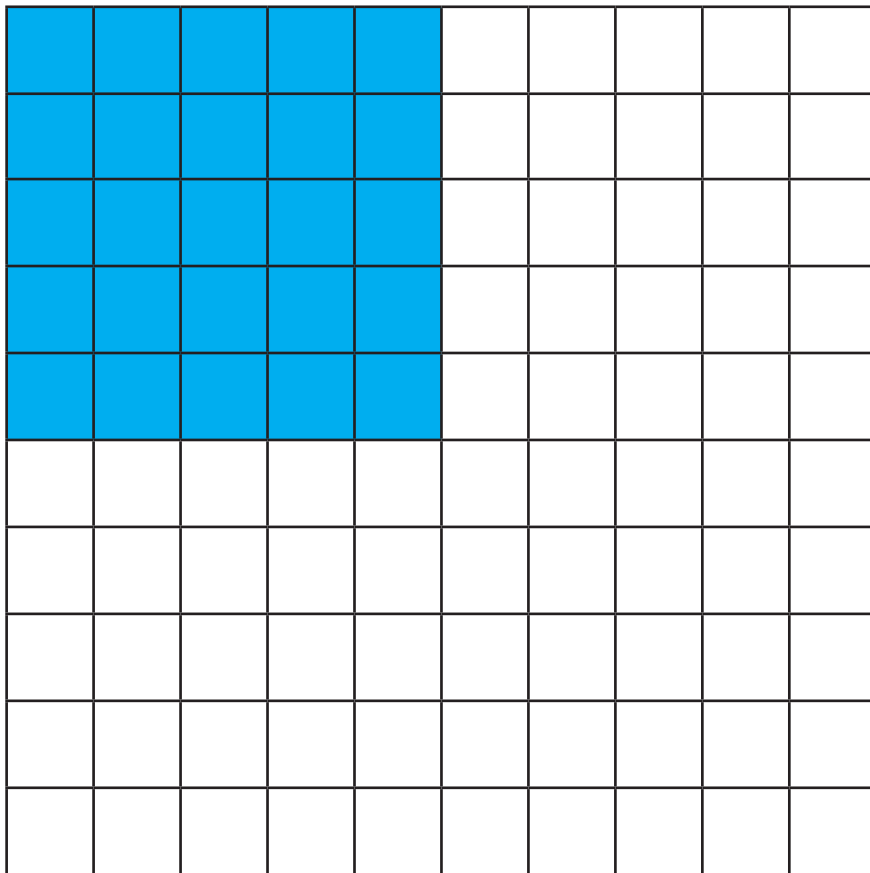
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30

100 99 98 97 96 95 94 93 92 91 90 89 88 87 86 85 84 83 82 81

31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50

Fraction pictures

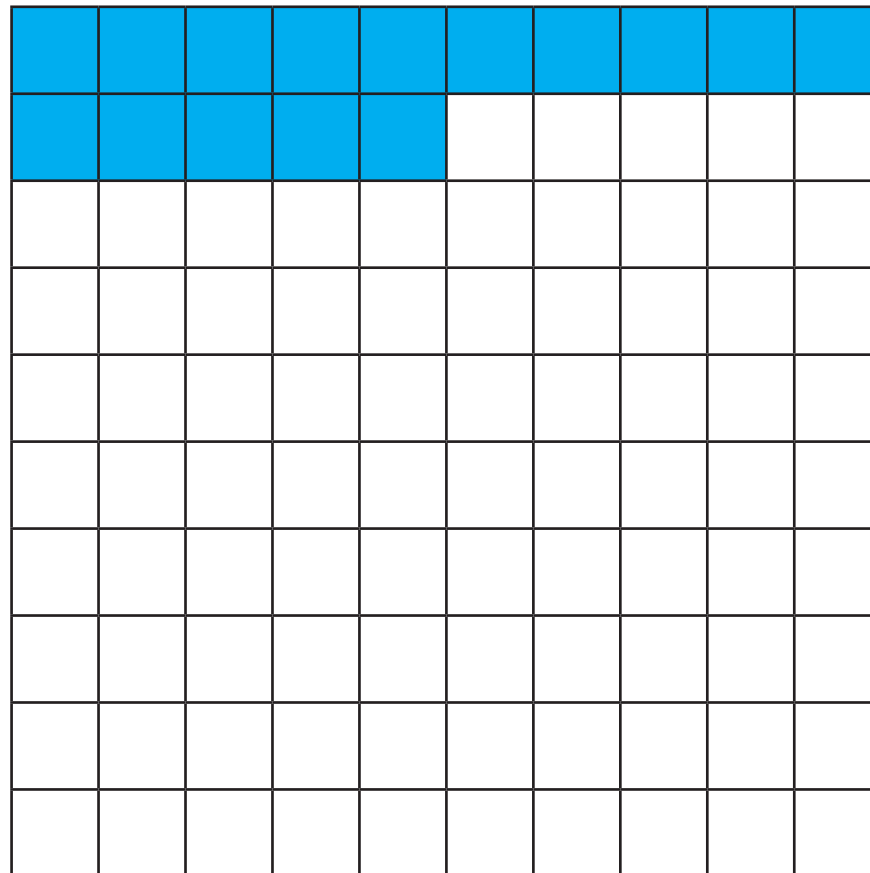
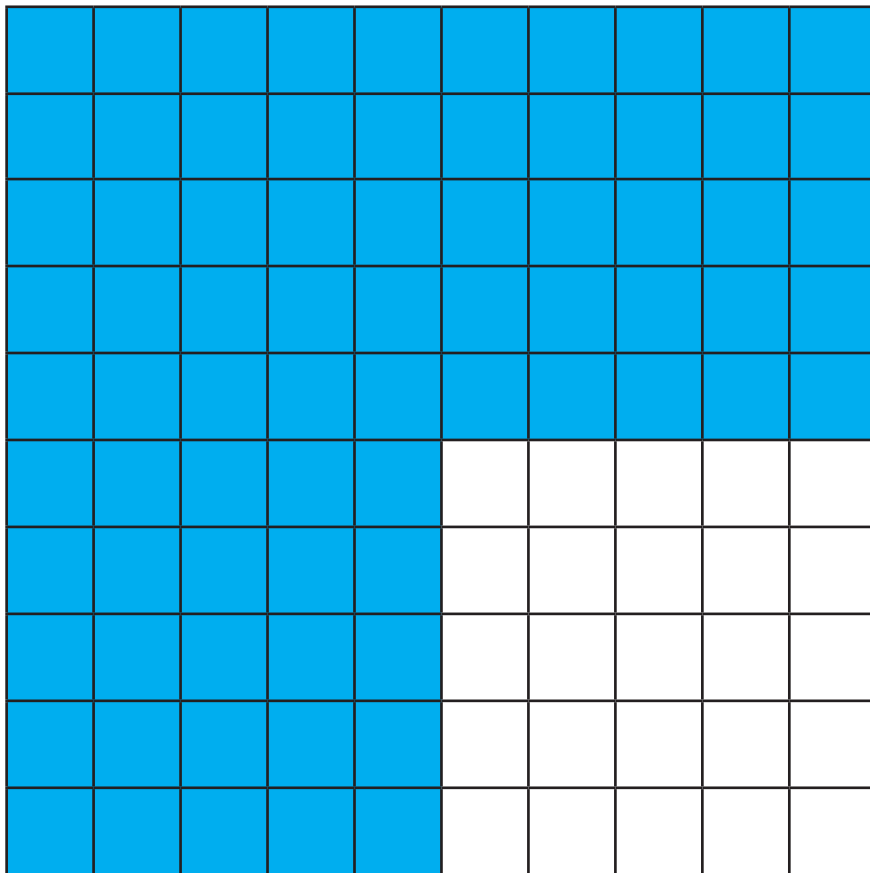
Sheet 4



80 79 78 77 76 75 74 73 72 71 70 69 68 67 66 65 64 63 62 61 60 59 58 57 56 55 54 53 52 51

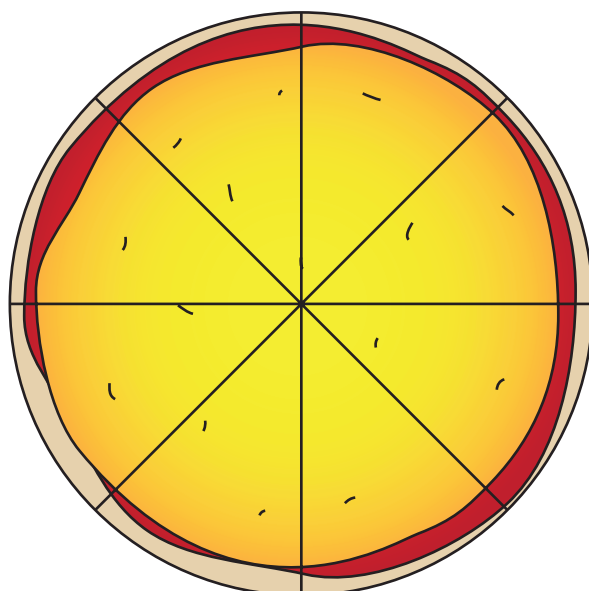
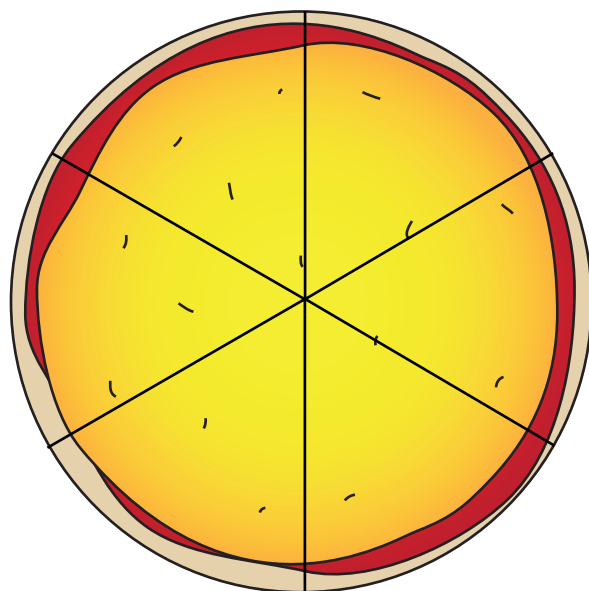
Fraction pictures

Sheet 5

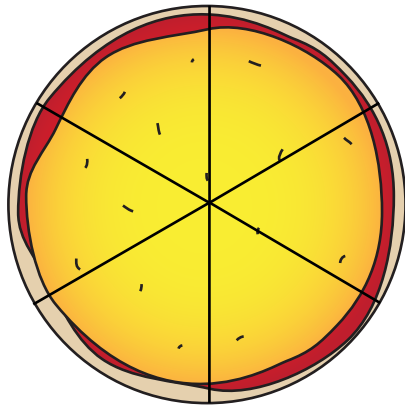


Adding and subtracting fractions

Sheet 1



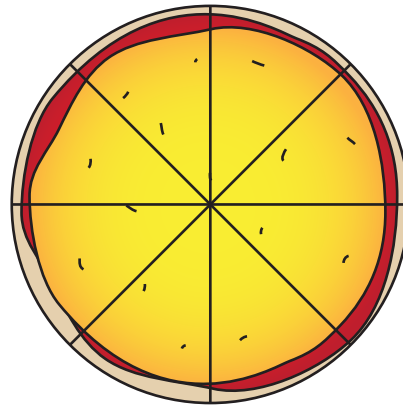
Adding and subtracting fractions Sheet 2



$$\frac{2}{6} + \frac{2}{6} = \boxed{}$$

$$\frac{4}{6} + \frac{1}{6} = \boxed{}$$

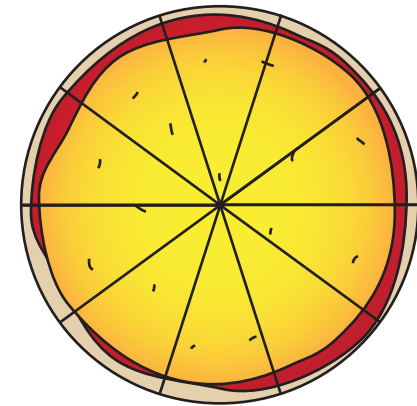
$$\frac{5}{6} - \frac{3}{6} = \boxed{}$$



$$\frac{3}{8} + \frac{2}{8} = \boxed{}$$

$$\frac{7}{8} - \frac{1}{8} = \boxed{}$$

$$\frac{5}{8} - \frac{3}{8} = \boxed{}$$



$$\frac{4}{10} + \frac{3}{10} = \boxed{}$$

$$\frac{3}{10} + \frac{2}{10} = \boxed{}$$

$$\frac{7}{10} - \frac{2}{10} = \boxed{}$$

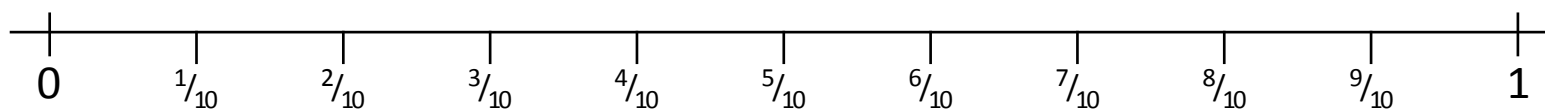
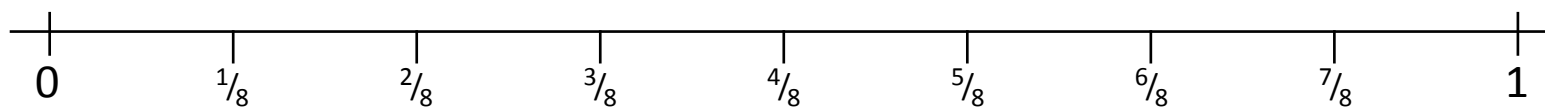
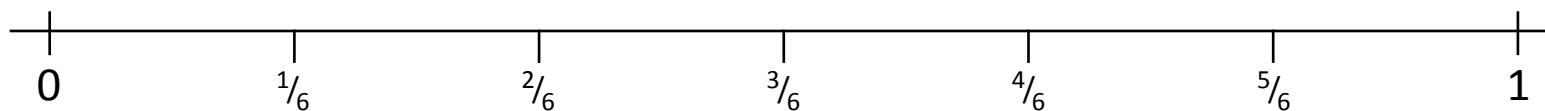
Make up your own additions with an answer of:

$\frac{2}{3}$ $\frac{3}{4}$ $\frac{5}{6}$ $\frac{7}{8}$ and $\frac{8}{10}$

Make up your own subtractions with an answer of:

$\frac{1}{3}$ $\frac{1}{4}$ $\frac{1}{6}$ $\frac{3}{8}$ and $\frac{3}{10}$

Fraction number lines



Fraction pairs cards



$$\frac{2}{6}$$

$$\frac{3}{6}$$

$$\frac{1}{6}$$

$$\frac{4}{6}$$

$$\frac{5}{6}$$

$$\frac{2}{6}$$

$$\frac{1}{8}$$

$$\frac{6}{8}$$

$$\frac{2}{8}$$

$$\frac{5}{8}$$

$$\frac{3}{8}$$

$$\frac{4}{8}$$

$$\frac{7}{8}$$

$$\frac{3}{8}$$

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

$$\frac{2}{10}$$

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

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

$$\frac{6}{10}$$

$$\frac{4}{10}$$

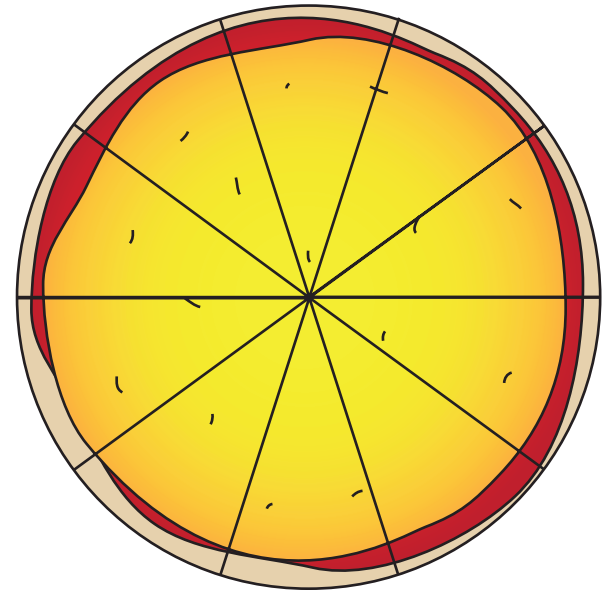
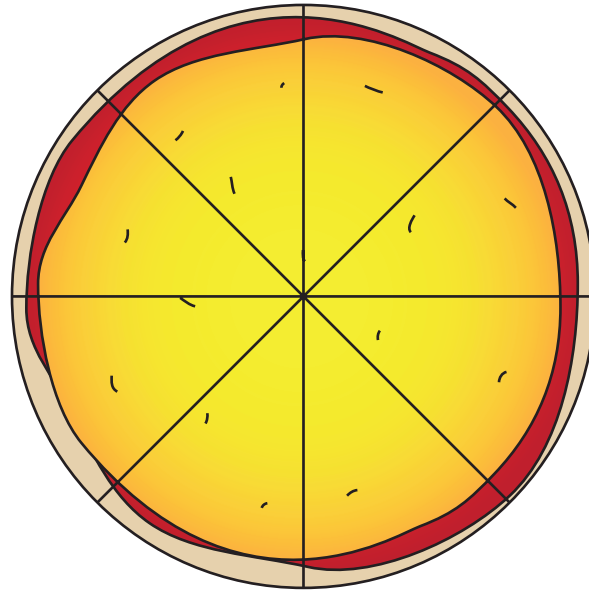
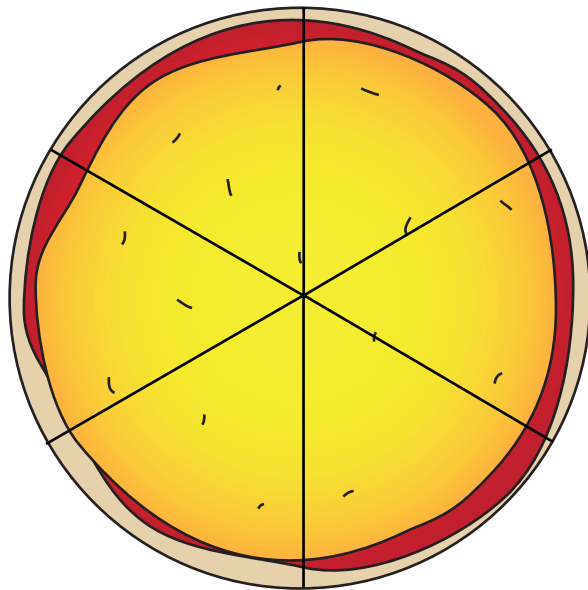
$$\frac{5}{10}$$

$$\frac{8}{10}$$

$$\frac{2}{10}$$

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

Pizza fractions



Fraction word problems Sheet 1

1. David is trying to remember how to find $\frac{3}{4}$ of 24. Write instructions to help him.

2. Davina is walking 28 miles for charity. So far she has walked $\frac{1}{4}$ of the way, how far has she walked so far?

3. A class raise £48 by selling badges. They give $\frac{1}{2}$ to a children's charity, $\frac{1}{4}$ to an animal charity and the rest to school funds. How much money goes to each?

4. Another class raise £60. They give $\frac{1}{3}$ to school funds and $\frac{2}{3}$ to a children's charity. How much goes to each?

5. The O'Leary family are going on holiday. The children are already asking, "Are we nearly there yet?" The journey is 90 miles. They have only driven $\frac{1}{10}$ of the way! How far have they got to go?

6. Faith has saved up £20 for when she goes on holiday. She spends $\frac{1}{4}$ of the money on a book, $\frac{1}{4}$ on presents for friends and the rest on ice creams! How much does she spend on each?

7. There are 20 chocolate buttons evenly spread on the top of a cake. One child eats $\frac{1}{2}$ of the cake, and another child eats $\frac{1}{4}$ of the cake. How many chocolate buttons do they each eat? How many buttons are left on the cake?

8. Another cake has 48 buttons evenly spread on the top. One child eats $\frac{1}{2}$ of the cake, and another child eats $\frac{1}{2}$ of the cake. How many chocolate buttons do they each eat? How many buttons are left on the cake?

Fraction word problems Sheet 2

1. David is trying to remember how to find $\frac{5}{8}$ of 80. Write instructions to help him.

2. Davina is walking 28 miles for charity. So far she has walked $\frac{1}{4}$ of the way, how much further does she have to go?

3. A class raise £72 by selling badges. They give $\frac{1}{2}$ to a children's charity, $\frac{1}{4}$ to an animal charity and the rest to school funds. How much money goes to each?

4. Another class raise £63. They give $\frac{2}{7}$ to school funds, $\frac{3}{7}$ to a children's charity and the rest to an animal charity. How much goes to each?

5. The O'Leary family are going on holiday. The children are already asking, "Are we nearly there yet?" The journey is 240 miles. They have only driven $\frac{1}{10}$ of the way! How far have they got to go?

6. Faith has saved up £25 for when she goes on holiday. She spends $\frac{1}{5}$ of the money on a book, $\frac{2}{5}$ on presents for friends and the rest on ice creams! How much does she spend on each?

7. There are 42 chocolate buttons evenly spread on the top of a cake. One child eats $\frac{1}{6}$ of the cake, and another child eats $\frac{1}{3}$ of the cake. How many chocolate buttons do they each eat? How many buttons are left on the cake?

8. Another cake has 48 buttons evenly spread on the top. One child eats $\frac{1}{8}$ and one very hungry child eats $\frac{5}{8}$. How many buttons do they eat each, and how many are left?