

Decimal Pairs

0.08

5.14

1.92

1.75

4.86

0.25

Matching amounts up to 2
and up to 10 + money sets!

Decimal Pairs

This activity, developed at our 12th November maths workshop, arose out of difficulties children had been encountering when subtracting where there were zeros in the decimal. We decided to come up with some games that provided practice matching amounts to make up 2.00 and 10. We added in pounds and pence amounts to enable children to link it to money which is written oddly in the UK. We doubt whether colleagues elsewhere will need to use these! We wanted to support conceptual development and provide a firm base to support use of formal algorithms while doing maths tests.

The cards could be used in a variety of ways. Sets could be spread out face up and pairs could take turns to pick a pair. They could race another pair while doing this or work with a timer. By increasing the number of cards printed they could become a snap or pelmanism game. To make it easier for pelmanism when working on the two to zero sets the numbers less than one could be printed in one colour and the more than one cards in another colour.

We have included a blank set of cards since there is a lot of mathematical practice in children producing their own set of cards and then testing them out on other pairs.

The webaddress for this activity is:

www.collaborativelearning.org/decimalpairs.pdf

Last updated: 12th November 2016

Our collaborative talk for learning activities are designed to:

...build on prior knowledge.

...move from concrete to abstract thinking.

...ensure everyone works with everyone else.

...extend social language into curriculum language.

...provide motivating ways to go over the same topic more than once.

For more details go to: www.collaborativelearning.org

Decimal Pairs 0 to 2 Set 1

1.75

Decimal Pairs 0 to 2 Set 1

1.30

Decimal Pairs 0 to 2 Set 1

1.48

Decimal Pairs 0 to 2 Set 1

1.71

Decimal Pairs 0 to 2 Set 1

1.06

Decimal Pairs 0 to 2 Set 1

1.13

Decimal Pairs 0 to 2 Set 1

1.92

Decimal Pairs 0 to 2 Set 1

1.66

Decimal Pairs 0 to 2 Set 1

Decimal Pairs 0 to 2 Set 1

0.25

Decimal Pairs 0 to 2 Set 1

0.70

Decimal Pairs 0 to 2 Set 1

0.52

Decimal Pairs 0 to 2 Set 1

0.29

Decimal Pairs 0 to 2 Set 1

0.94

Decimal Pairs 0 to 2 Set 1

0.87

Decimal Pairs 0 to 2 Set 1

0.08

Decimal Pairs 0 to 2 Set 1

0.34

Decimal Pairs 0 to 2 Set 1

Decimal Pairs 0 to 2 Set 2

1.03

Decimal Pairs 0 to 2 Set 2

1.07

Decimal Pairs 0 to 2 Set 2

1.16

Decimal Pairs 0 to 2 Set 2

1.09

Decimal Pairs 0 to 2 Set 2

1.18

Decimal Pairs 0 to 2 Set 2

1.21

Decimal Pairs 0 to 2 Set 2

1.39

Decimal Pairs 0 to 2 Set 2

1.42

Decimal Pairs 0 to 2 Set 2

Decimal Pairs 0 to 2 Set 2

0.97

Decimal Pairs 0 to 2 Set 2

0.93

Decimal Pairs 0 to 2 Set 2

0.84

Decimal Pairs 0 to 2 Set 2

0.91

Decimal Pairs 0 to 2 Set 2

0.82

Decimal Pairs 0 to 2 Set 2

0.79

Decimal Pairs 0 to 2 Set 2

0.61

Decimal Pairs 0 to 2 Set 2

0.58

Decimal Pairs 0 to 2 Set 2

Decimal Pairs 0 to 2 Set 1 money

£1.75

Decimal Pairs 0 to 2 Set 1 money

£1.30

Decimal Pairs 0 to 2 Set 1 money

£1.48

Decimal Pairs 0 to 2 Set 1 money

£1.71

Decimal Pairs 0 to 2 Set 1 money

£1.06

Decimal Pairs 0 to 2 Set 1 money

£1.13

Decimal Pairs 0 to 2 Set 1 money

£1.92

Decimal Pairs 0 to 2 Set 1 money

£1.66

Decimal Pairs 0 to 2 Set 1 money

Decimal Pairs 0 to 2 Set 1 money

0.25p

Decimal Pairs 0 to 2 Set 1 money

0.70p

Decimal Pairs 0 to 2 Set 1 money

0.52p

Decimal Pairs 0 to 2 Set 1 money

0.29p

Decimal Pairs 0 to 2 Set 1 money

0.94p

Decimal Pairs 0 to 2 Set 1 money

0.87p

Decimal Pairs 0 to 2 Set 1 money

0.08p

Decimal Pairs 0 to 2 Set 1 money

0.34p

Decimal Pairs 0 to 2 Set 1 money

Decimal Pairs 0 to 2 Set 2 money

£1.03

Decimal Pairs 0 to 2 Set 2 money

£1.07

Decimal Pairs 0 to 2 Set 2 money

£1.16

Decimal Pairs 0 to 2 Set 2 money

£1.09

Decimal Pairs 0 to 2 Set 2 money

£1.18

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Decimal Pairs 0 to 2 Set 2 money

Decimal Pairs 0 to 2 Set 2 money

0.97p

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0.84p

Decimal Pairs 0 to 2 Set 2 money

0.91p

Decimal Pairs 0 to 2 Set 2 money

0.82p

Decimal Pairs 0 to 2 Set 2 money

0.79p

Decimal Pairs 0 to 2 Set 2 money

0.61p

Decimal Pairs 0 to 2 Set 2 money

0.58p

Decimal Pairs 0 to 2 Set 2 money

Decimal Pairs 0 to 10 Set 1

1.23

Decimal Pairs 0 to 10 Set 1

2.70

Decimal Pairs 0 to 10 Set 1

3.33

Decimal Pairs 0 to 10 Set 1

4.86

Decimal Pairs 0 to 10 Set 1

5.04

Decimal Pairs 0 to 10 Set 1

6.55

Decimal Pairs 0 to 10 Set 1

7.12

Decimal Pairs 0 to 10 Set 1

8.99

Decimal Pairs 0 to 10 Set 1

Decimal Pairs 0 to 10 Set 1

8.77

Decimal Pairs 0 to 10 Set 1

7.30

Decimal Pairs 0 to 10 Set 1

6.67

Decimal Pairs 0 to 10 Set 1

5.14

Decimal Pairs 0 to 10 Set 1

4.96

Decimal Pairs 0 to 10 Set 1

3.45

Decimal Pairs 0 to 10 Set 1

2.88

Decimal Pairs 0 to 10 Set 1

1.01

Decimal Pairs 0 to 10 Set 1

Decimal Pairs 0 to 10 Set 2

1.03

Decimal Pairs 0 to 10 Set 2

2.07

Decimal Pairs 0 to 10 Set 2

3.04

Decimal Pairs 0 to 10 Set 2

4.17

Decimal Pairs 0 to 10 Set 2

5.18

Decimal Pairs 0 to 10 Set 2

6.21

Decimal Pairs 0 to 10 Set 2

7.39

Decimal Pairs 0 to 10 Set 2

8.42

Decimal Pairs 0 to 10 Set 2

Decimal Pairs 0 to 10 Set 2

8.97

Decimal Pairs 0 to 10 Set 2

7.93

Decimal Pairs 0 to 10 Set 2

6.91

Decimal Pairs 0 to 10 Set 2

5.83

Decimal Pairs 0 to 10 Set 2

4.82

Decimal Pairs 0 to 10 Set 2

3.79

Decimal Pairs 0 to 10 Set 2

2.61

Decimal Pairs 0 to 10 Set 2

1.58

Decimal Pairs 0 to 10 Set 2

Decimal Pairs Blank Grid to produce your own versions
