TI

ON THE LINE

1. Here is a number line.

Draw arrows to show where each box should go.

One and a half has been done for you.

2. Your friend finds it hard to understand decimals.

She asks "In a number like 2.4 what does the 4 really mean?".

Write a note to help her.

The 2 means that there are 2 wholes.
The 4 means that there are 4
out of ten peices.
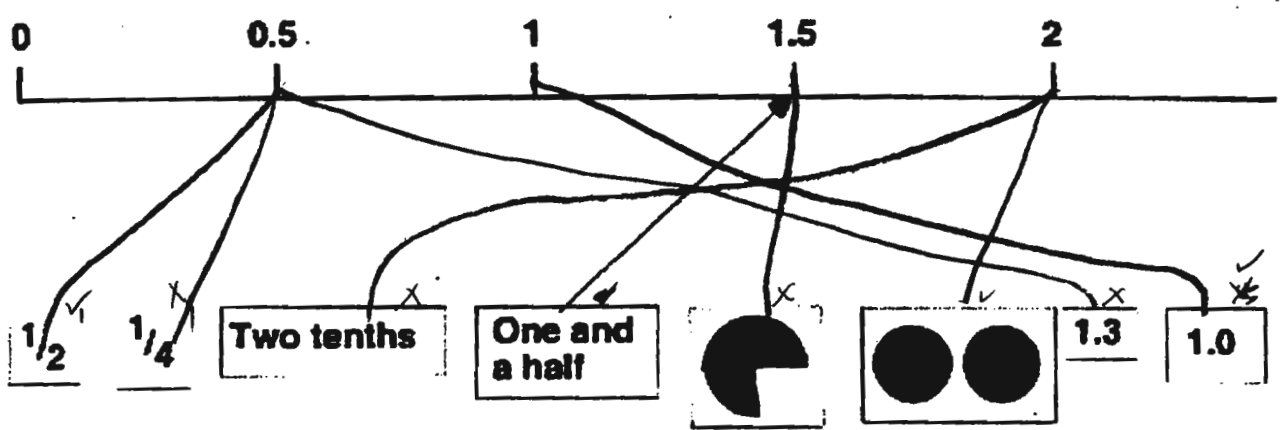
[5]

2 wholes

ON THE LINE

This problem gives you the chance to:
- represent simple fractions and decimals on a number line
- explain the meaning of a decimal digit

1. Here is a number line.

Draw arrows to show where each box should go.

One and a half has been done for you.
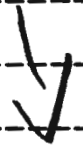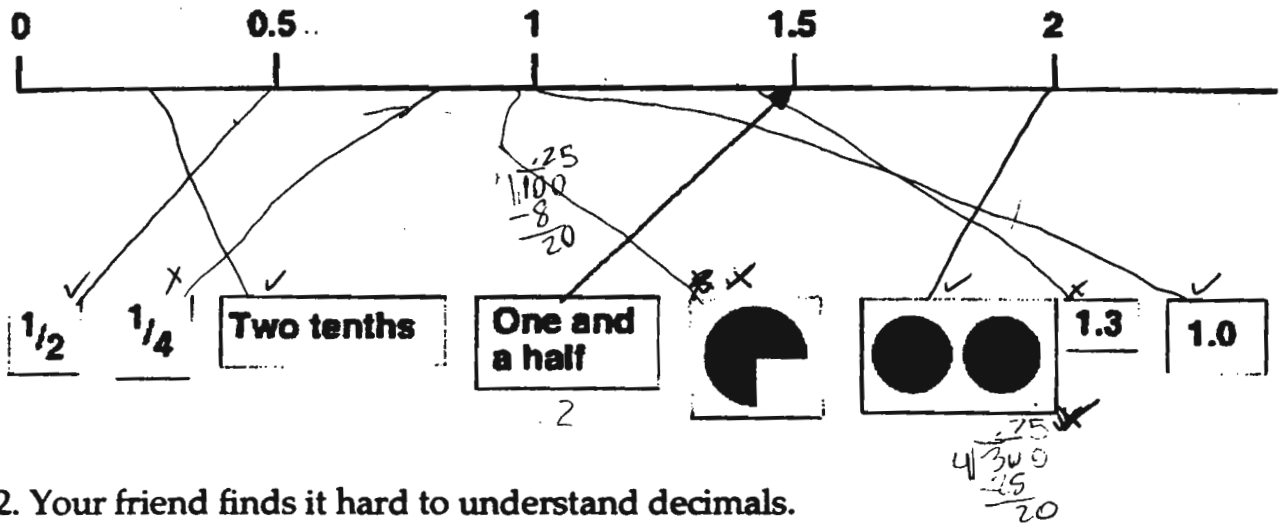

2. Your friend finds it hard to understand decimals.

She asks "In a number like 2.4 what does the 4 really mean?".

Write a note to help her.

The number on the left of the decimal is the number of wholes you have, the number of the right of the decimal is the number of parts you have. The first place after the decimal is the tenths column, second, hundreds, third thousands. So 2.4 in a fraction is 2 4/10. [5]
To make a fraction into a decimal, such as 5/6 you devide 5 by 6, like the following;

6⟌5.000

- answer: .84 ... -48 / 20 / -18 / ... you add a decimal when you don't have enough numbers, you can bring any amount of zeros down after that. You'll ... reminder of two forever
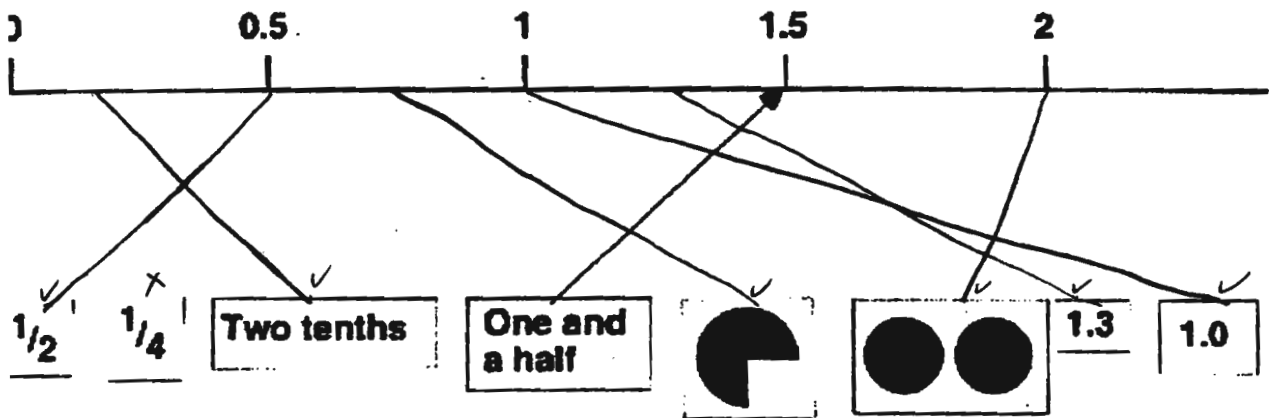
⑷

T3

ON THE LINE

This problem gives you the chance to:
• represent simple fractions and decimals on a number line
• explain the meaning of a decimal digit

. Here is a number line.

)raw arrows to show where each box should go.

)ne and a half has been done for you.

| 0.5 | 1 | 1.5 | 2 |

1/2 1/4 **Two tenths** **One and a half** 1.3 1.0   4

Your friend finds it hard to understand decimals.

ne asks "In a number like 2.4 what does the 4 really mean?".

'rite a note to help her.

2.4 is the same as $2\frac{4}{10}$. The first digit after the decimal point is called the tenths. The second is the hundredths, the third is the thousandths, and so on. Since the 4 is the first digit in 2.4, it is known as $2\frac{4}{10}$. If it was 2.04, the 4 is in the hundredths place, so it would be $2\frac{4}{100}$. [5] ⑤

T4

ON THE LINE

1. Here is a number line.

Draw arrows to show where each box should go.

One and a half has been done for you.

0	0.5	1	1.5	2

$1\frac{1}{2}$ $1\frac{1}{4}$ Two tenths One and a half 1.3 1.0

2. Your friend finds it hard to understand decimals.

She asks "In a number like 2.4 what does the 4 really mean?".

Write a note to help her.

The four means that, that number is the denominator. And the #2, it is a ± of 4.
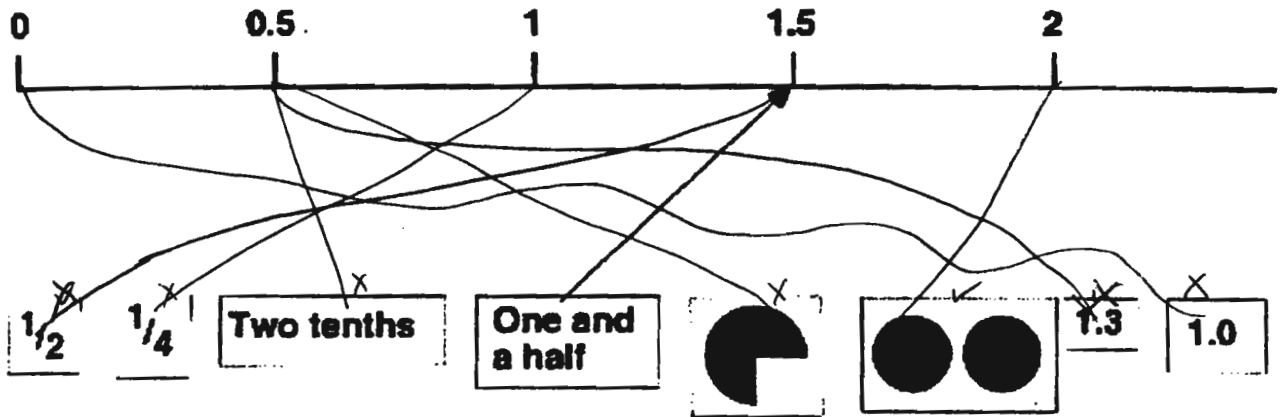
[5]

ON THE LINE

This problem gives you the chance to:
- represent simple fractions and decimals on a number line
- explain the meaning of a decimal digit

1. Here is a number line.

Draw arrows to show where each box should go.

One and a half has been done for you.

0   0.2, 0.25   **0.5**   **1**   1.3   **1.5**   **2**

$1\frac{1}{2}$ $1\frac{1}{4}$ | Two tenths | | One and a half | | ● ● | | 1.3 | | 1.0 | 8 4

2. Your friend finds it hard to understand decimals.

She asks "In a number like 2.4 what does the 4 really mean?".

Write a note to help her.

The 4 means 4 tenths which is also the same as $\frac{4}{10}$ or 40%
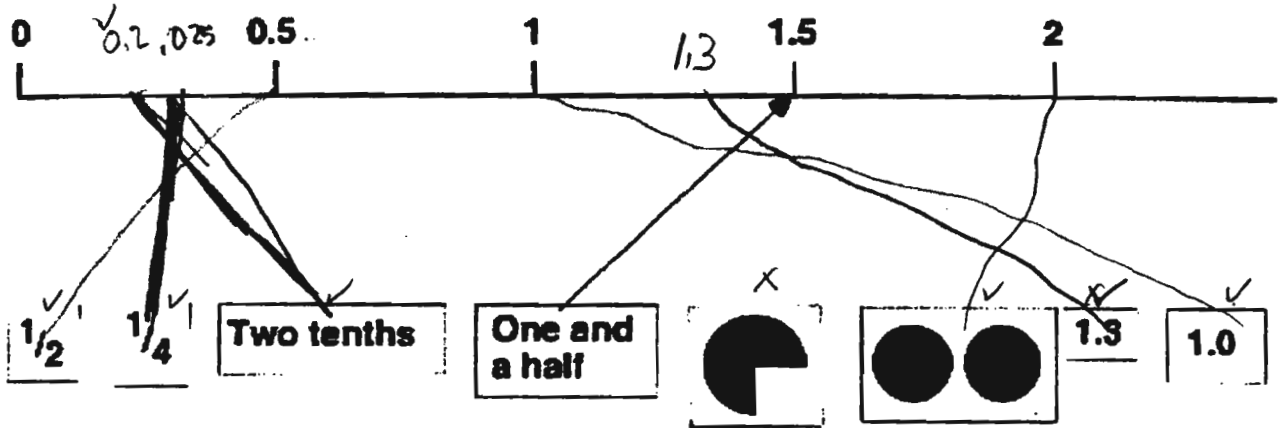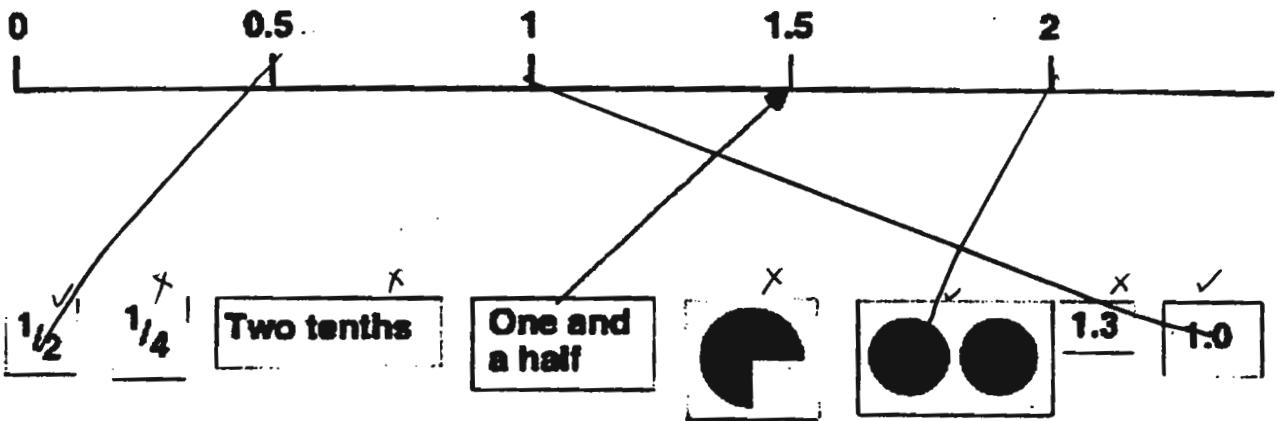
[5] 9/5

S1

ON THE LINE

This problem gives you the chance to:
• represent simple fractions and decimals on a number line
• explain the meaning of a decimal digit

1. Here is a number line.

Draw arrows to show where each box should go.

One and a half has been done for you.

0   0.5   1   1.5   2

1/2   1/4   Two tenths   One and a half   1.3   1.0

2

2. Your friend finds it hard to understand decimals.

She asks "In a number like 2.4 what does the 4 really mean?".

Write a note to help her.

The for really means .4. That equals 4. If you know how to do fractions you can do .4 = 4.

[5]

2

S2

ON THE LINE

1. Here is a number line.

Draw arrows to show where each box should go.

One and a half has been done for you.

```
0        0.5        1        1.5        2
```

$\frac{1}{2}$ $\frac{1}{4}$ Two tenths One and a half 1.3 1.0   3

2. Your friend finds it hard to understand decimals.

She asks "In a number like 2.4 what does the 4 really mean?".

Write a note to help her.

The "4" means the denominator in a fraction. Decimals are just rewritten fractions. The "2" is the numerator.
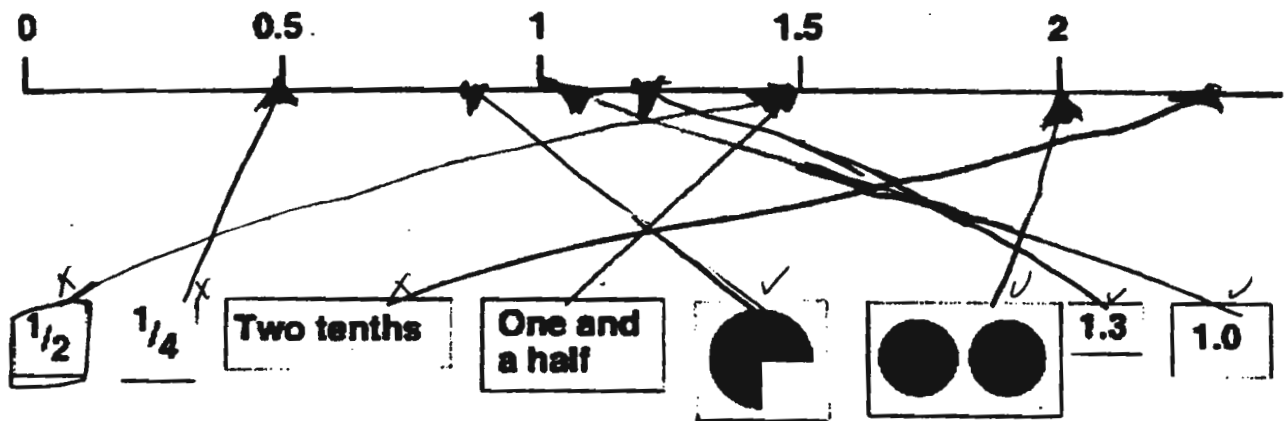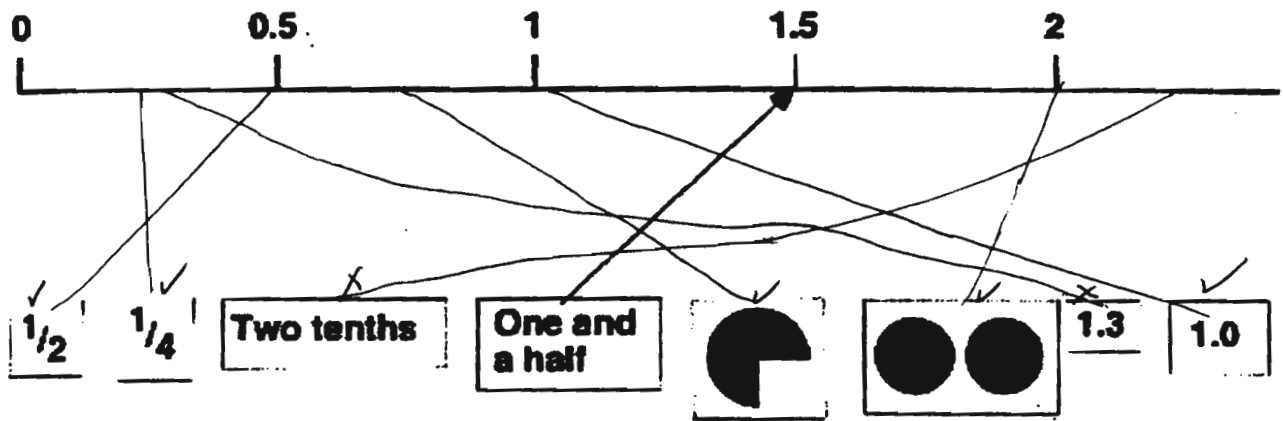
[5] ③

ON THE LINE

This problem gives you the chance to:
- represent simple fractions and decimals on a number line
- explain the meaning of a decimal digit

1. Here is a number line.

Draw arrows to show where each box should go.

One and a half has been done for you.

```
0        0.5        1        1.5        2
```

| ¹/₂ | ¹/₄ | Two tenths | One and a half | ⬤ | ⬤⬤ | 1.3 | 1.0 |

3

2. Your friend finds it hard to understand decimals.

She asks "In a number like 2.4 what does the 4 really mean?".

Write a note to help her.

Decimals is like fractions, it is just that in decimals, you have a .(dot) to cut between the fraction and whole number. For example, 2$\frac{4}{10}$ or 2$\frac{2}{5}$ is the same as 2.4. You usually try to make the denominator of the fraction 10, so, like I showed you, you can just put the top number after the dot. [5]

1

④

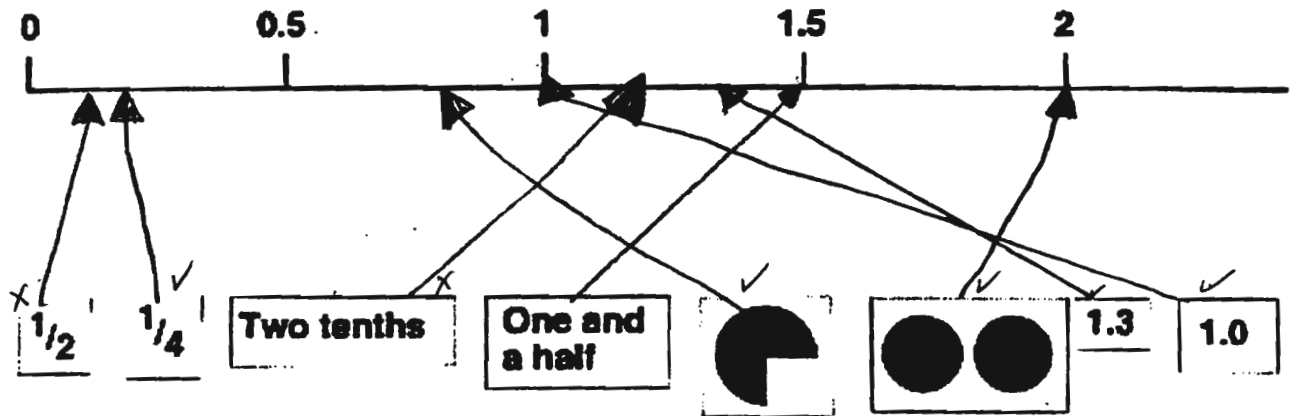NOTE: If the fraction is improper, make it into a mixed number.

ON THE LINE

This problem gives you the chance to:
- represent simple fractions and decimals on a number line
- explain the meaning of a decimal digit

1. Here is a number line.

Draw arrows to show where each box should go.

One and a half has been done for you.

| 0 | 0.5 | 1 | 1.5 | 2 |

x $\frac{1}{2}$ $\frac{1}{4}$ ✓   **Two tenths**   x   **One and a half** ✓   ✓   ✓   1.3   1.0 ✓   3

2. Your friend finds it hard to understand decimals.

She asks "In a number like 2.4 what does the 4 really mean?".

Write a note to help her.

The 4 in 2.4 means the fraction part which in this case and in every case you put a one on the top and a four on the bottom. like this $\frac{1}{4}$

O

[5] ③

ON THE LINE

1. Here is a number line.

Draw arrows to show where each box should go.

One and a half has been done for you.

| 0 | 0.5 | 1 | 1.5 | 2 |

½   ¼ ×   Two tenths   One and a half   ×   ●●   1.3   1.0   2

2. Your friend finds it hard to understand decimals.

She asks "In a number like 2.4 what does the 4 really mean?".

Write a note to help her.

To answer you question about the two, four, the four means how many you to make a hole. The two means you have two of the four pieces. like fractions.
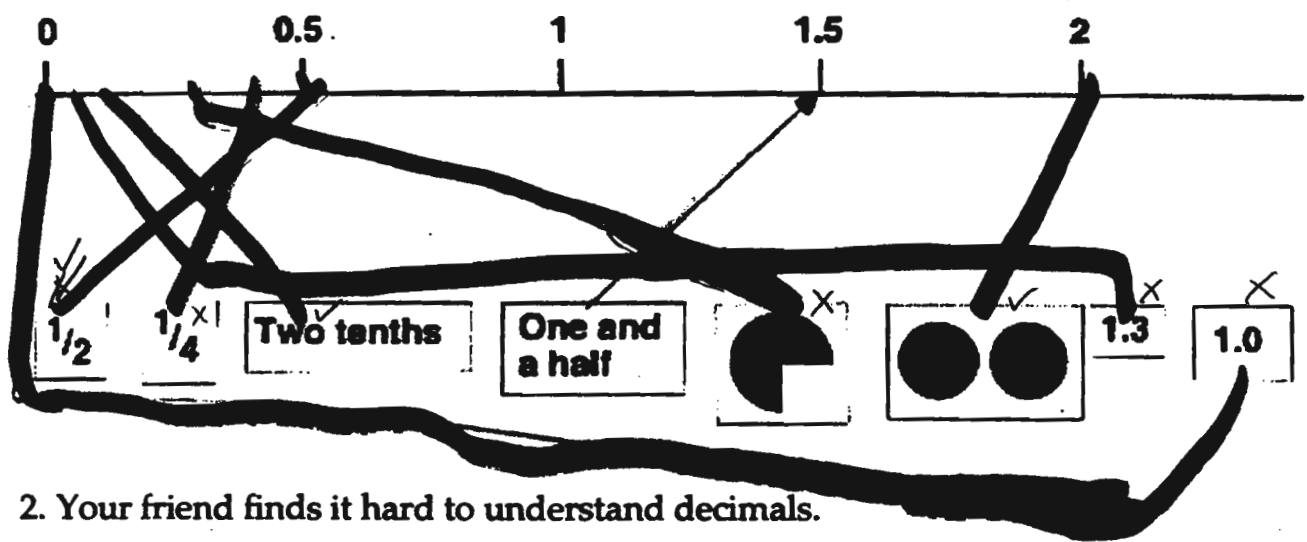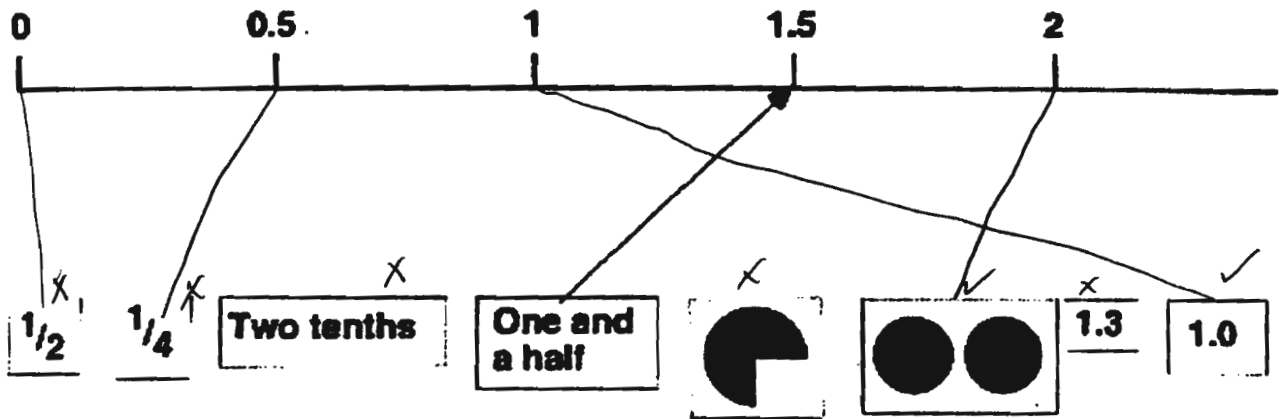
[5]

56

ON THE LINE

This problem gives you the chance to:
- represent simple fractions and decimals on a number line
- explain the meaning of a decimal digit

1. Here is a number line.

Draw arrows to show where each box should go.

One and a half has been done for you.

| 0 | 0.5 | 1 | 1.5 | 2 |

1/2 × 1/4 × | Two tenths | × | One and a half | × | 1.3 × | 1.0 ✓

2. Your friend finds it hard to understand decimals.

She asks "In a number like 2.4 what does the 4 really mean?".

Write a note to help her.

The 4 mean 4-5 it is not half it is almost half but half is 5 and a whole equals 10. 4 is a 6 of a 10.
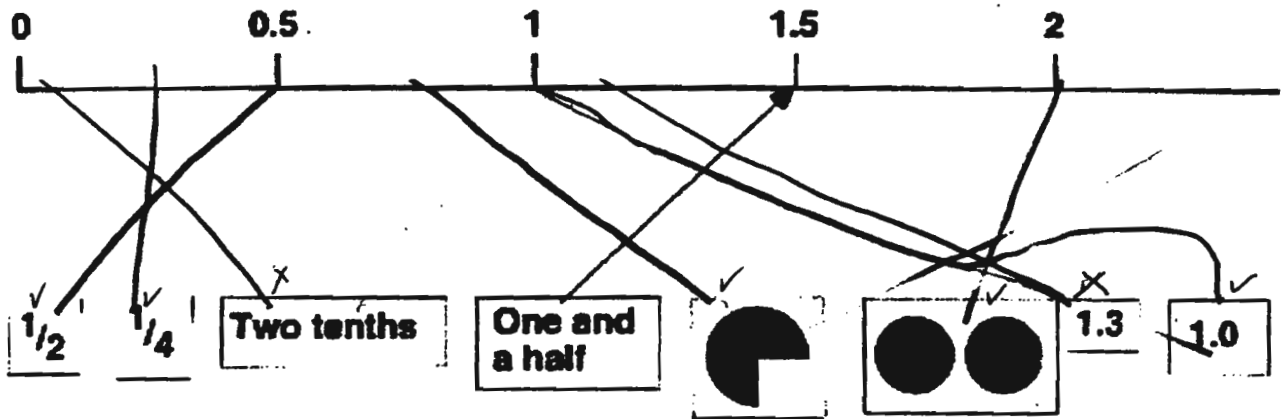
[5]

ON THE LINE

This problem gives you the chance to:
- represent simple fractions and decimals on a number line
- explain the meaning of a decimal digit

1. Here is a number line.

Draw arrows to show where each box should go.

One and a half has been done for you.

0	0.5	1	1.5	2

$\frac{1}{2}$ ✓ $\frac{1}{4}$ ✓   Two tenths ✗   One and a half ✓   1.3 ✗   1.0 ✓

4/3

2. Your friend finds it hard to understand decimals.

She asks "In a number like 2.4 what does the 4 really mean?".

Write a note to help her.

Hey friend in a problem like 2.4 the 4 just means that's how much of the fraction there is if you were to put in a mixed number it would be 2⁴⁄something so the 4 is the (numerator of the fraction.

[5] 4/3

58

ON THE LINE

1. Here is a number line.

Draw arrows to show where each box should go.

One and a half has been done for you.

| 0 | 0.5 | 1 | 1.5 | 2 |

| $\frac{1}{2}$ | $\frac{1}{4}$ | Two tenths | One and a half | | | 1.3 | 1.0 |

2. Your friend finds it hard to understand decimals.

She asks "In a number like 2.4 what does the 4 really mean?".

Write a note to help her.

The stands for the the one that is missing.
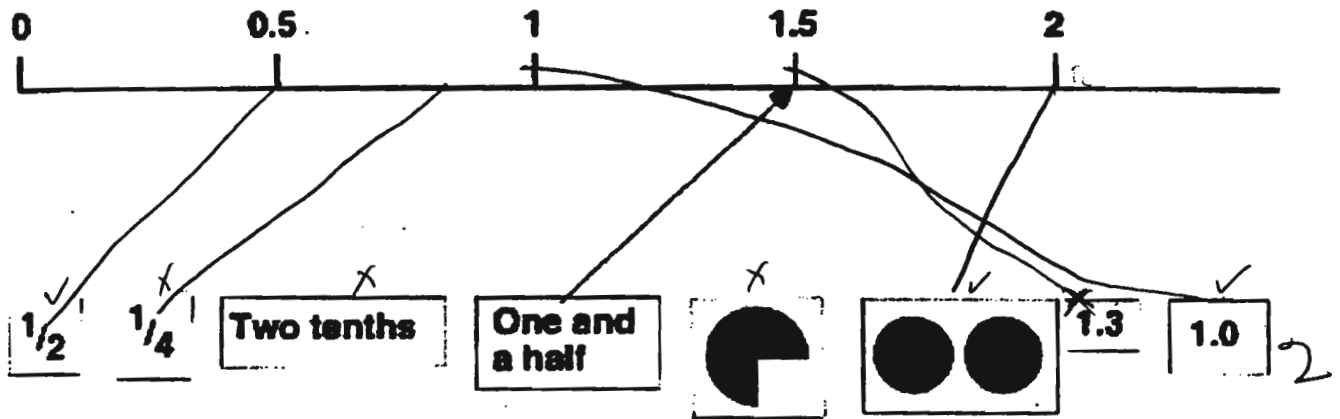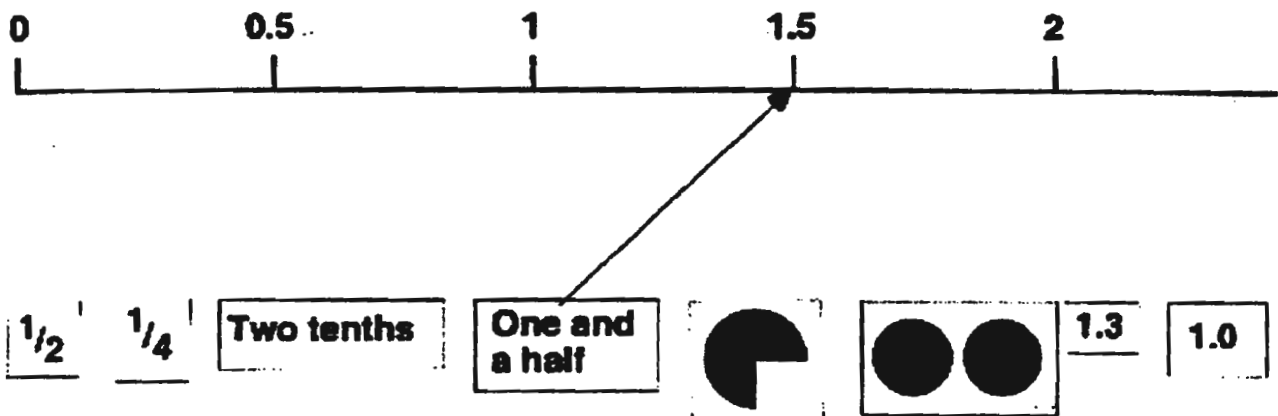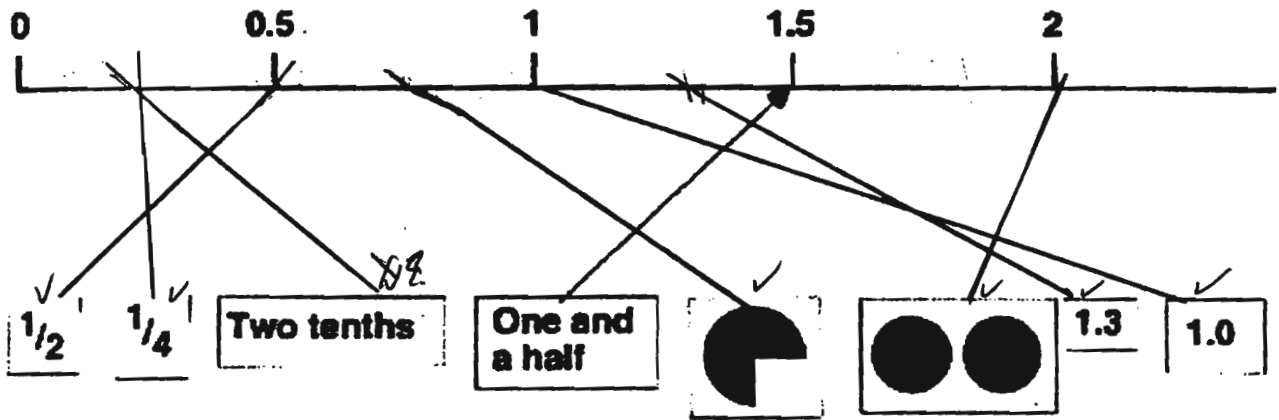
[5]

ON THE LINE

This problem gives you the chance to:
- represent simple fractions and decimals on a number line
- explain the meaning of a decimal digit

1. Here is a number line.

Draw arrows to show where each box should go.

One and a half has been done for you.

```
0        0.5       1        1.5       2
|---------|---------|---------|---------|---------------
```

| $\frac{1}{2}$ | $\frac{1}{4}$ | Two tenths | One and a half | ⬤ | ●● | 1.3 | 1.0 |

2. Your friend finds it hard to understand decimals.

She asks "In a number like 2.4 what does the 4 really mean?".

Write a note to help her.

You see, _____, .4 means a part of a
whole. Specifically, .4 means if there are
some number pieces of a whole ④ is 4 of them. ✗

Your Friend,
~~[scribble]~~

[5]

On the Line: Grade 5

ON THE LINE

1. Here is a number line.

Draw arrows to show where each box should go.

One and a half has been done for you.

| 0 | 0.5 | 1 | 1.5 | 2 |

$\frac{1}{2}$ $\frac{1}{4}$ **Two tenths** **One and a half** **1.3** **1.0**

4

2. Your friend finds it hard to understand decimals.

She asks "In a number like 2.4 what does the 4 really mean?".

Write a note to help her.

In the number 2.4, the 4 means four tenths. It is written like this in fraction ⁴/10. The number 2.4 in fraction is 2⁴/10, two and four tenths.

⑤

[5]