

1, 2, 3,

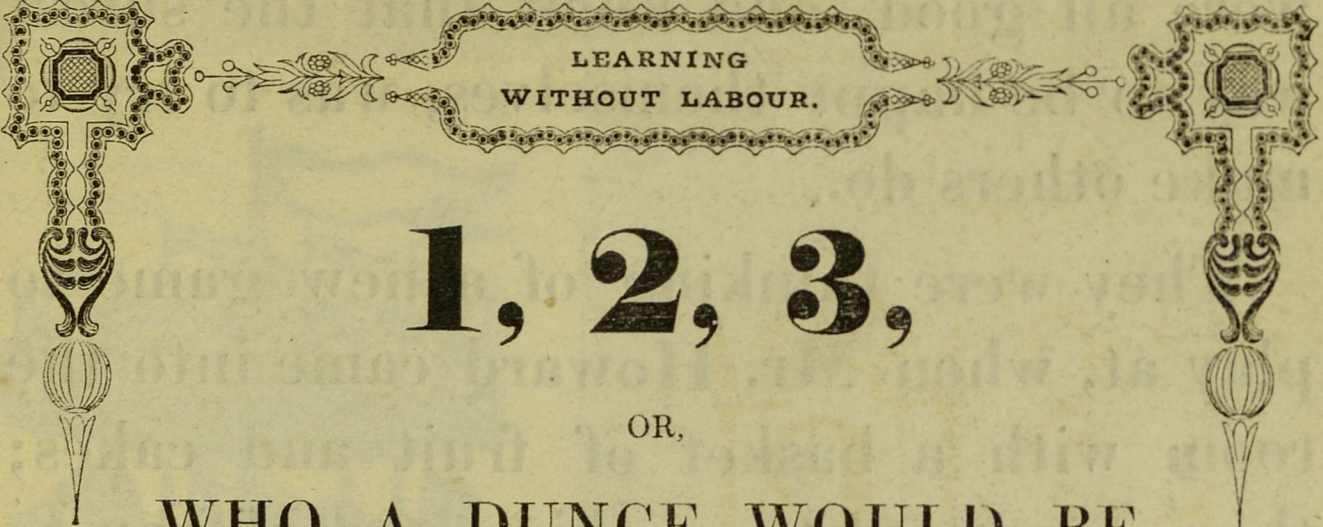
OR

WHO A DUNCE WOULD BE.





FRONTISPIECE.



LEARNING
WITHOUT LABOUR.

1, 2, 3,

OR,

WHO A DUNCE WOULD BE.

It was George Howard's birth-day, and as he had been a good boy, both at home and at school, he had been allowed to invite some of his little friends; it was, indeed, a birth-day party.

James Gage, Harry Nelson, Frank Harley,
And sweet little Fanny Mac Evan,
John Gordon, Anne Scott, and Charles Farley;
Pray count, and I think you'll find Seven.

And fine fun these children had. They were all good, and knew that the surest way to be happy themselves, was to try to make others do.

They were thinking of a new game to play at, when Mr. Howard came into the room with a basket of fruit and cakes; they were glad to see him, and all ran to shake hands with him.

Now, my dears, said Mr. Howard, I will show you a game that will please you all; for the fruit and cakes shall be the prizes. I will ask you questions, beginning at the youngest, and that is you, Master James.

Two eyes you have, as well you know,
But if another eye should grow
Above those two; now give a guess,
How many eyes would you possess!

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1, 2, 3, OR,
WHO A DUNCE"
[ca. 1850]

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Oh! yes, sir; said the little fellow, I can tell that, for 2 and 1 are 3.

Very good, indeed, said Mr. Howard, and now, I dare say, you can tell me how many

2	and	5	are?	Answer,	7
2	„	3	„	„	5
2	„	6	„	„	8
2	„	7	„	„	9
2	„	4	„	„	6
2	„	8	„	„	10
2	„	2	„	„	4
2	„	9	„	„	11

Quite right, said Mr. Howard,

Nine nuts, an apple, and a cake,

Which make eleven,—you may take;

All which with two eyes you may see

As clearly as you could with three.

The next question was put to Harry Nelson, a very little boy, but as he loved learning as well as to play, he was never tired of either.

Now, Harry, said Mr. Howard, I wish to know if you can do as well with the number 3, as your friend has done with the number 2.

Suppose some merry playmate cries

“Open your mouth and shut your eyes!”

And then—though you don't see him—pops

Into your mouth three lollipops,

And, after that,—two more;—tell me

How many will the number be.

I can tell you, sir, replied Harry; 3 and 2 are 5.

True, said Mr. Howard. I perceive you smile at the idea of lollipops, and you are



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no doubt acquainted with the whole lollipop family, as peppermint stick, hardbake, barley-sugar, bull's-eyes, and brandy-balls, &c. &c. &c.; but tell me how many

3	and	5	are?	Answer,	8
3	„	7	„	„	10
3	„	6	„	„	9
3	„	4	„	„	7
3	„	8	„	„	11
3	„	3	„	„	6
3	„	12	„	„	15
3	„	9	„	„	12

That is right, said Mr. Howard,

Ten nuts, an orange, and a pear,

Make twelve; accept them as your share.

It was Frank Harley's turn to answer; "Jumping Frank," his playmates called

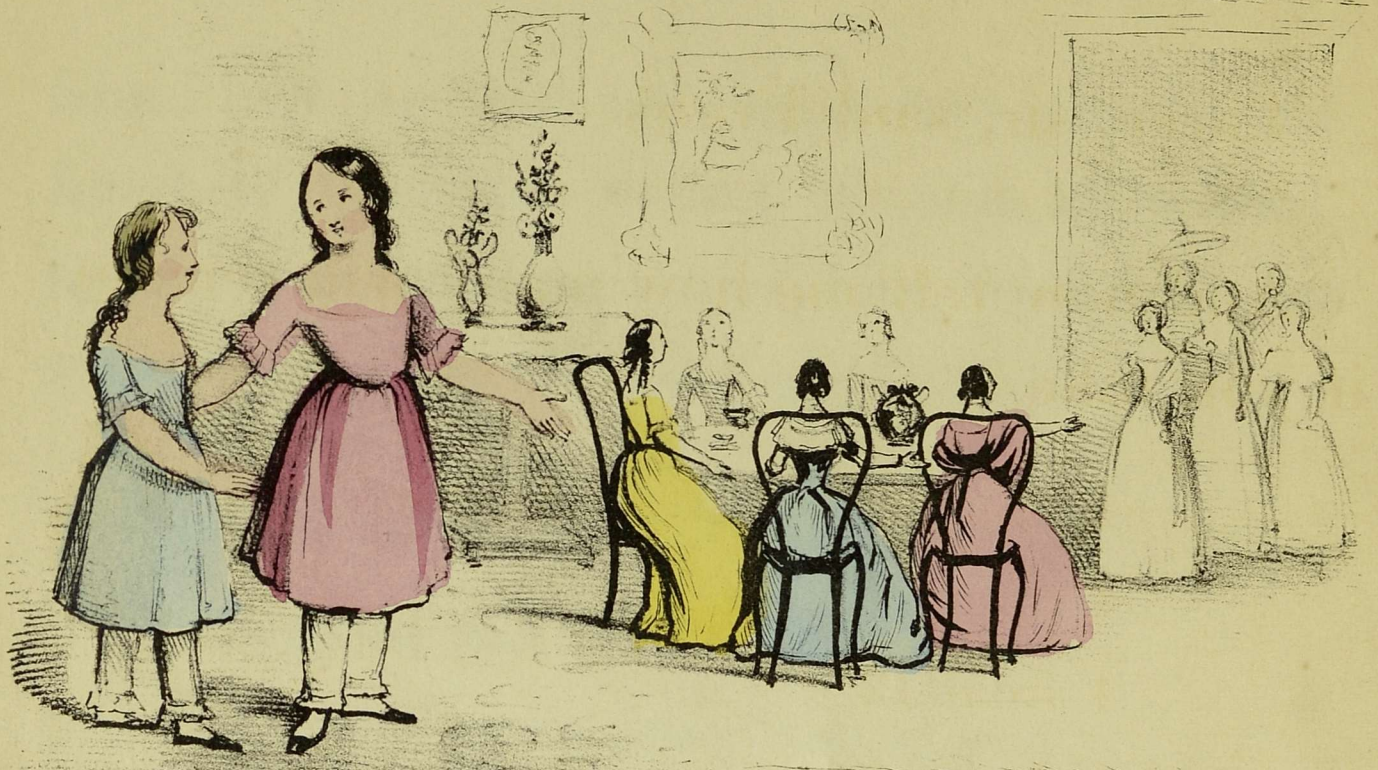
him, but he was as eager to jump to the head of his class, when he was at school, as he was to leap over the backs of his schoolmates in the play-ground.

Now, Frank, said Mr. Howard,

Suppose that, on a frosty day,
You and seven other boys at play,
Should have a tumble, you and all,
How many in the heap would fall?

Eight, sir, answered Frank, and eight funny figures we should be, I think, tumbling about on the ice.

But suppose, said Mr. Howard, you had leaped over the moon, and taken four of these boys with you; how many would you have left behind.



Three, sir, said Frank.

And now tell me how many will remain
if you take

4 from 9?	Answer, 5
4 from 6	„ 2
4 from 12	„ 8
4 from 8	„ 4
4 from 4	„ 0
4 from 10	„ 6
4 from 13	„ 9
4 from 17	„ 13

Thirteen,—that's right,—so you may take
Eleven nuts, a plum, and a cake.

Next to Frank, stood little Fanny; and
to her Mr. Howard said,

My little girl, can you tell me,
 If you had asked five dolls to tea,
 And five more dolls came with them, too,
 How many would you have with you?

There would be **10**, for **5** and **5** are **10**.

True, and tell me how many

5 and 10 are?	Answer,	15
5 „ 7 „	„	12
5 „ 2 „	„	7
5 „ 6 „	„	11
5 „ 11 „	„	16
5 „ 4 „	„	9
5 „ 12 „	„	17
5 „ 9 „	„	14

That's right, the prize is yours, so come
 And take twelve nuts, a peach, and a plum,

It was now John Gordon's turn, and Mr. Howard said,

Thirteen fine geese upon the grass,
All feeding there for Michaelmas,
For which, suppose that six were slain,
How many geese would there remain?

Tell me, John.

I should have but 7 left, sir,—but I think I should be a goose if I did not know that

And take 6 from 9	how many remain?	Ans.	3
6 from 13	„	„	7
6 from 15	„	„	9
6 from 14	„	„	8
6 from 10	„	„	4
6 from 12	„	„	6
6 from 18	„	„	12
6 from 21	„	„	15

An orange, thirteen nuts, and pear,
Fifteen in all, shall be your share.

The next was Anne Scott; all little girls who knew her, loved her; she was always willing to amuse them, and to make doll's clothes for them.

To her Mr. Howard said,

Now tell me, little Anne Scott

If you seven doll's frocks had got,

And sister gave you six as well,

How many would you have? come, tell;

Oh! I can tell you, sir, seven and six
are thirteen.

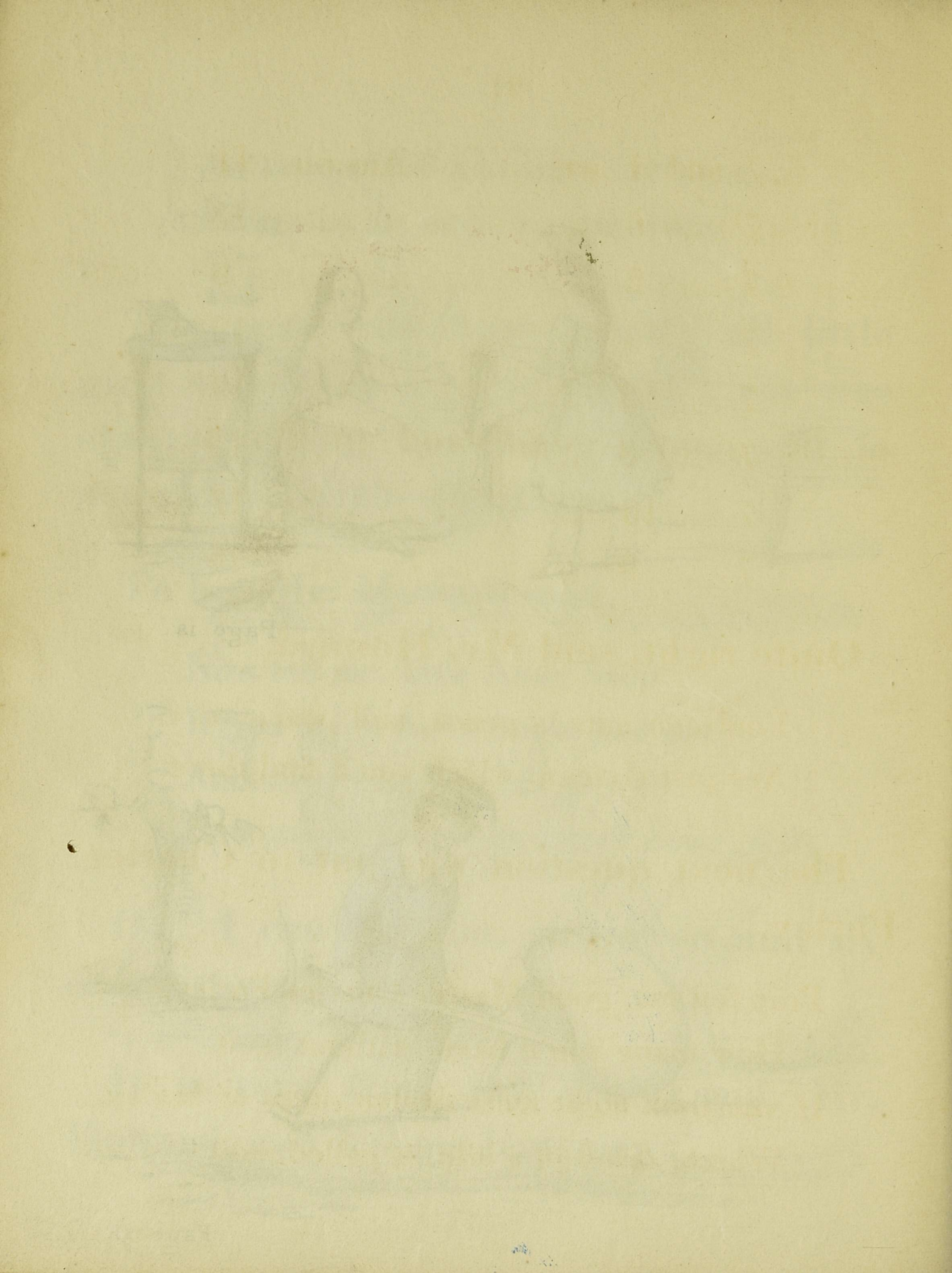
It is very true, my dear, said Mr.
Howard, and tell me how many



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7 and 4 are	Answer,	11
7 ,, 6 ,,	,,	13
7 ,, 2 ,,	,,	9
7 ,, 5 ,,	,,	12
7 ,, 12 ,,	,,	19
7 ,, 8 ,,	,,	15
7 ,, 10 ,,	,,	17
7 ,, 9 ,,	,,	16

Quite right, said Mr. Howard,

Fourteen nuts, a peach, and pear,
Are just sixteen, which you'll find there.

The next question was put to Charles ' Farley.

Pray tell me, good Master Charles Farley,
How many you'd have, without fault,
If you took eight from twelve sacks of barley,
Which, dried in a kiln, is called malt?

I wish, sir, said Charles, it was as easy to make malt, as it is to answer that question; eight from twelve, and there remain four.

And tell me how many remain, if you take

8 from 18?	Answer,	10
8 from 20	„	12
8 from 9	„	1
8 from 13	„	5
8 from 10	„	2
8 from 22	„	14
8 from 14	„	6
8 from 25	„	17

That's right, and therefore you may take
An orange, fifteen nuts, and a cake.



In the year 1840 the first was not older
than either of his younger brothers, it was his
first to answer the question which was
the last.

The question was thus asked:
Should this man receive the same amount
for more or less than he had
and if still more was given to him
the more would he not receive?

It is true that paper and ink
and if this man were to receive the
amount and if this man were to receive
the amount would he not receive
the amount again?

Always answer in the affirmative
This will be the result.

As George Howard was one year older than either of his young friends, it was his turn to answer this question, which was the last.

The question was thus asked :

Should your nine cousins, George, appear,

How many of us would be here?

And if with twelve the game we play,

How many shall we send away.

We are now nine, papa, said George, and if nine more came, we should be eighteen; and if from eighteen we take twelve, there would remain six, and these we could spare.

All very correct, said Mr. Howard. Pray tell me how many

9 and 10 are?	Answer,	19
9 from 19, there remain	„	10
9 from 14	„	5
9 and 19 are	„	28
9 from 16, there remain	„	7
9 from 20	„	11
9 and 6 are	„	15
9 from 27 there remain	„	18

The nuts are all gone, but some plums,
 And apples, and grapes, remain still;
 Here, hold out your fingers and thumbs,
 And do with the fruit as you will.

Thank you, dear papa, said George; it is pleasant to have such nice fruit; and I will divide it with my friends. I think we have all been more pleased with this game of arithmetic, than with the fruit,



...and have been employing ourselves

...of play

...that is what I wish to observe

...and now my heart goes into the

...and play in any company

...you like; by and by, we will think of

...another year or arithmetic

...but then, when you are to be

...from your book

...THE object of the first

...young children an interest

...and the first rule of

...some of the exercises

...Additional and some

...

because we have been employing ourselves whilst at play.

That is what I wished, observed Mr. Howard; and now, my dears, go into the garden and play at any romping game you like; by and bye, we will think of another game of arithmetic.

Let those, whose wish is to be wise,
Keep open both their ears and eyes.

THE object of this little book is to give young children an insight into the use of figures, and the first rules of Arithmetic.

Some of the exercises are in the rule of Addition, and some are in that called Subtraction.

Now I dare say my little friends have discovered that **ADDITION** means only to add figures or numbers together, and see how many they make in the total; such as:

2 and **3** are **5**
1 and **7** are **8**
4 and **6** are **10**
9 and **8** are **17, &c. &c.**

And that **SUBTRACTION** means to take or deduct any number from another number or figure, and then see how many remain; as thus:

2 from **6** there remain **4**
5 from **7** there remain **2**
3 from **8** there remain **5**
7 from **9** there remain **2**



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