Can I use objects to find doubles of numbers to $10 ?$

| double |  |  | is |  |
| :---: | :---: | :--- | :--- | :--- |
|  | + |  | $=$ |  |


| double |  |  | is |  |
| :---: | :---: | :--- | :--- | :--- |
|  | + |  | $=$ |  |


| double |  |  | is |  |
| :---: | :---: | :---: | :---: | :---: |
|  | + |  | $=$ |  |


| double |  |  | is |  |
| :---: | :---: | :---: | :---: | :---: |
|  | + |  | $=$ |  |


| double |  |  | is |  |
| :---: | :---: | :---: | :---: | :---: |
|  | + |  | $=$ |  |


| double |  |  | is |  |
| :---: | :---: | :--- | :--- | :--- |
|  | + |  | $=$ |  |


| double |  |  | is |  |
| :---: | :---: | :---: | :---: | :---: |
|  | + |  | $=$ |  |


| double |  |  | is |  |
| :---: | :---: | :--- | :--- | :--- |
|  | + |  | $=$ |  |


| double 18 <br> $18+18$ | double 17 <br> $17+17$ | double 3 <br> $3+3$ |
| :---: | :---: | :---: |
| double 5 <br> $5+5$ | double 6 <br> $6+6$ | double 7 <br> $7+7$ |
| double 8 <br> $8+8$ | double 9 <br> $9+9$ | double 10 <br> $10+10$ |
| double 11 | double 12 | double 13 |
| $11+11$ | $12+12$ | $13+13$ |
| double 14 <br> $14+14$ | double 15 <br> $15+15$ | double 16 <br> $16+16$ |
| double 19 <br> $19+19$ | double 20 <br> $20+20$ | double 2 <br> $2+2$ |

(Cut out. Chn take one from middle table, copy and complete into book and then choose another one)

Can I double numbers to find and find corresponding halves?
Example


half

 half
 half
 half

15 double
 half
 double
 half
 half
 half

20 double $\square$ half


What is half of 32 ?
What is double $14 ?$

Can I double and half numbers mentally or using informal methods and solve problems?

| double | 25 | is |  |
| :---: | :---: | :--- | :--- |
| double | 42 | is |  |
| double | 36 | is |  |
| double | 90 | is |  |
| double | 65 | is |  |
| double | 134 | is |  |

## Double 8 then add $4=$ Double 9 then add $7=$

I had a plate of grapes. I ate half of them and had 10 left. How many did I start with?

There are 30 children in a class. Half of them are boys. How many are girls?

Mrs Conway has 24 p in her pocket. Kian has twice as much as she does. How much does Kian have?

In a family:
Ben is 5 . Tom is double his age. Emma is 4 years older than Tom. Sam is half of Emma's age. How old are the children?

| Name | Age |
| :---: | :---: |
| Ben | 5 |
| Tom |  |
| Emma |  |
| Sam |  |

