

Mathematics

# Percentages of Amount. Worksheet.

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**OAK**  
NATIONAL  
ACADEMY

# Connect

To work out percentages of amounts we can convert to a fraction first and then use a bar model.

Find 20% of 45

Find 25% of 80

Find 60% of 45



# Independent task

Match up the pairs of calculations that have the same value.  
There will be one left over.

60% of 80

25% of 80

$\frac{3}{5}$  of 80

25% of 240

50% of 40

75% of 60

75% of 80

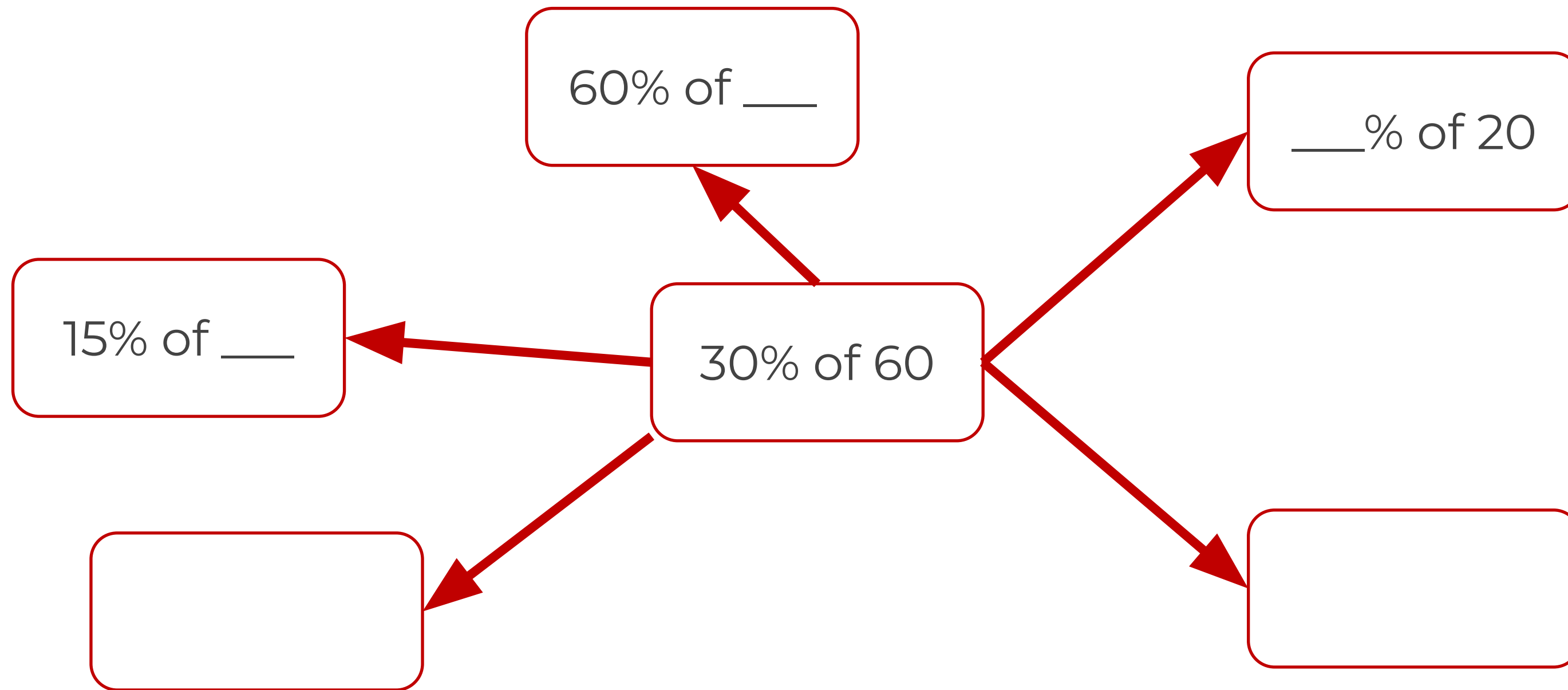
37.5% of 80

$33\frac{1}{3}\%$  of 90



# Explore

Suggest some calculations equivalent to “30% of 60”.



# Connect      Answers

To work out percentages of amounts we can convert to a fraction first and then use a bar model.

Find 20% of 45      9

Find 25% of 80      20

Find 60% of 45      27



# Independent task

Match up the pairs of calculations that have the same value.  
There will be one left over.

60% of 80

48

25% of 80

20

$\frac{3}{5}$  of 80

48

25% of 240

60

50% of 40

20

75% of 60

45

75% of 80

60

37.5% of 80

30

$33\frac{1}{3}\%$  of 90

30



# Explore

Suggest some calculations equivalent to “30% of 60”.

