

# Partitioning

Partition these numbers:

$$37 = 30 + 7$$

$$22 =$$

$$18 =$$

$$26 =$$

$$15 =$$

$$41 =$$

Recombine these numbers:

$$40 + 5 = 45$$

$$20 + 3 =$$

$$10 + 9 =$$

$$20 + 4 =$$

$$30 + 7 =$$

$$50 + 6 =$$

What is the value of the underlined digit?

$$\underline{3}4 \longrightarrow 4$$

$$\underline{3}2 \longrightarrow$$

$$\underline{2}6 \longrightarrow$$

$$\underline{2}0 \longrightarrow$$

$$\underline{4}4 \longrightarrow$$

$$\underline{4}\underline{4} \longrightarrow$$

Parents: 'partitioning' a number means splitting it up into the values of its digits. So  $24=20+4$ ,  $147=100+40+7$ . Children are taught to partition numbers and to recombine them (put the parts back together). To check their full understanding, they should also be able to tell you the value of any given digit in a number.

# Partitioning

Partition these numbers:

$$37 = 30 + 7$$

$$42 =$$

$$88 =$$

$$36 =$$

$$25 =$$

$$51 =$$

Recombine these numbers:

$$40 + 5 = 45$$

$$70 + 3 =$$

$$90 + 9 =$$

$$20 + 4 =$$

$$50 + 7 =$$

$$80 + 6 =$$

What is the value of the underlined digit?

$$\underline{3}4 \longrightarrow 4$$

$$\underline{9}2 \longrightarrow$$

$$\underline{6}6 \longrightarrow$$

$$\underline{2}0 \longrightarrow$$

$$\underline{5}2 \longrightarrow$$

$$\underline{8}5 \longrightarrow$$

Parents: 'partitioning' a number means splitting it up into the values of its digits. So  $24=20+4$ ,  $147=100+40+7$ . Children are taught to partition numbers and to recombine them (put the parts back together). To check their full understanding, they should also be able to tell you the value of any given digit in a number.

# Partitioning

Partition these numbers:

$$37 = 30 + 7$$

$$42 =$$

$$88 =$$

$$236 =$$

$$125 =$$

$$451 =$$

Recombine these numbers:

$$40 + 5 = 45$$

$$70 + 3 =$$

$$90 + 9 =$$

$$20 + 4 =$$

$$50 + 7 =$$

$$80 + 6 =$$

What is the value of the underlined digit?

$$3\underline{4} \longrightarrow 4$$

$$\underline{9}2 \longrightarrow$$

$$1\underline{6}6 \longrightarrow$$

$$42\underline{0} \longrightarrow$$

$$3\underline{5}2 \longrightarrow$$

$$2\underline{8}5 \longrightarrow$$

Parents: 'partitioning' a number means splitting it up into the values of its digits. So  $24=20+4$ ,  $147=100+40+7$ . Children are taught to partition numbers and to recombine them (put the parts back together). To check their full understanding, they should also be able to tell you the value of any given digit in a number.

# Partitioning Answers

★	★★	★★★
<b>Partition these numbers:</b> $22 = 20 + 2$ $18 = 10 + 8$ $26 = 20 + 6$ $15 = 10 + 5$ $41 = 40 + 1$	<b>Partition these numbers:</b> $42 = 40 + 2$ $88 = 80 + 8$ $36 = 30 + 6$ $25 = 20 + 5$ $51 = 50 + 1$	<b>Partition these numbers:</b> $42 = 40 + 2$ $88 = 80 + 8$ $236 = 200 + 30 + 6$ $125 = 100 + 20 + 5$ $451 = 400 + 50 + 1$
<b>Recombine these numbers:</b> $20 + 3 = 23$ $10 + 9 = 19$ $20 + 4 = 24$ $30 + 7 = 37$ $50 + 6 = 56$	<b>Recombine these numbers:</b> $70 + 3 = 73$ $90 + 9 = 99$ $20 + 4 = 24$ $50 + 7 = 57$ $80 + 6 = 86$	<b>Recombine these numbers:</b> $70 + 3 = 73$ $90 + 9 = 99$ $100 + 20 + 4 = 124$ $300 + 50 + 7 = 357$ $200 + 80 + 6 = 286$
<b>What is the value of the underlined digit?</b> 30 20 0 40 4	<b>What is the value of the underlined digit?</b> 90 60 0 50 80	<b>What is the value of the underlined digit?</b> 90 60 0 300 80