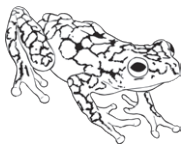
Jumping Sequences

I can generate and describe linear number sequences.

Find the rule that describes the distance of each creature's jump. Write the distances reached by the next four jumps. Be careful! None of the creatures start jumping from zero!



START	27cm	50cm	73cm	96cm

Jumping rule = _____

Jump 5	Jump 6	Jump 7	Jump 8

START	2.5m	4m	5.5m	7m

Jumping rule = _____

Jump 5	Jump 6	Jump 7	Jump 8

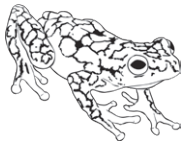
START	155cm	275cm	395cm	515cm

Jumping rule = _____

Jump 5	Jump 6	Jump 7	Jump 8

Jumping Sequences **Answers**

Find the rule that describes the distance of each creature's jump. Write the distances reached by the next four jumps. Be careful! None of the creatures start jumping from zero!



START → 27cm → 50cm → 73cm → 96cm

Jumping rule = +23cm

Jump 5	Jump 6	Jump 7	Jump 8
119cm	142cm	165cm	188cm

START → 2.5m → 4m → 5.5m → 7m

Jumping rule = +1.5m

Jump 5	Jump 6	Jump 7	Jump 8
8.5m	10m	11.5m	13m

START → 155cm → 275cm → 395cm → 515cm

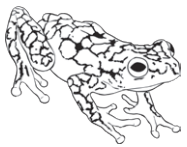
Jumping rule = +120cm

Jump 5	Jump 6	Jump 7	Jump 8
635cm	755cm	875cm	995cm

Jumping Sequences

I can generate and describe linear number sequences.

Find the rule that describes the distance of each creature's jump. Be careful! None of the creatures start jumping from zero! Write the distances reached by the next four jumps **in metres**. Use the formula to find the value of the final missing jump.



START	27cm	50cm	73cm	96cm

Jumping rule = _____

formula = (23 × jump number) + 4

Jump 5	Jump 6	Jump 7	Jump 8	Jump 53

START	2.5m	4m	5.5m	7m

Jumping rule = _____

formula = (1.5 × jump number) + 1

Jump 5	Jump 6	Jump 7	Jump 8	Jump 76

START	155cm	275cm	395cm	515cm

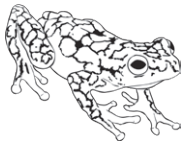
Jumping rule = _____

formula = (120 × jump number) + 35

Jump 5	Jump 6	Jump 7	Jump 8	Jump 85

Jumping Sequences **Answers**

Find the rule that describes the distance of each creature's jump. Be careful! None of the creatures start jumping from zero! Write the distances reached by the next four jumps **in metres**. Use the formula to find the value of the final missing jump.



START → **27cm** → **50cm** → **73cm** → **96cm**

Jumping rule = **+23cm**
formula = (23 × jump number) + 4

Jump 5	Jump 6	Jump 7	Jump 8	Jump 53
1.19m	1.42m	1.65m	1.88m	12.23m

START → **2.5m** → **4m** → **5.5m** → **7m**

Jumping rule = **+1.5m**
formula = (1.5 × jump number) + 1

Jump 5	Jump 6	Jump 7	Jump 8	Jump 76
8.5m	10m	11.5m	13m	115m

START → **155cm** → **275cm** → **395cm** → **515cm**

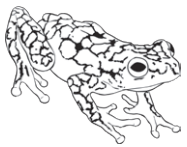
Jumping rule = **+120cm**
formula = (120 × jump number) + 35

Jump 5	Jump 6	Jump 7	Jump 8	Jump 85
6.35m	7.55m	8.75m	9.95m	102.35m

Jumping Sequences

I can generate and describe linear number sequences.

Find the rule that describes the distance of each creature's jump. Be careful! None of the creatures start jumping from zero! Use the formula to find the distance reached by the given jumps **in metres**.



START	27cm	50cm	73cm	96cm

Jumping rule = _____

formula = (23 × jump number) + 4

Jump 43	Jump 55	Jump 62	Jump 76	Jump 80

START	2.5m	4m	5.5m	7m

Jumping rule = _____

formula = (1.5 × jump number) + 1

Jump 43	Jump 55	Jump 62	Jump 76	Jump 80

START	155cm	275cm	395cm	515cm

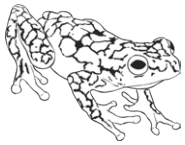
Jumping rule = _____

formula = (120 × jump number) + 35

Jump 43	Jump 55	Jump 62	Jump 76	Jump 80

Jumping Sequences **Answers**

Find the rule that describes the distance of each creature's jump. Be careful! None of the creatures start jumping from zero! Use the formula to find the distance reached by the given jumps **in metres**.



START	27cm	50cm	73cm	96cm

Jumping rule = **+23cm**
formula = (23 × jump number) + 4

Jump 43	Jump 55	Jump 62	Jump 76	Jump 80
9.93m	12.69m	14.3m	17.52m	18.44m

START	2.5m	4m	5.5m	7m

Jumping rule = **+1.5m**
formula = (1.5 × jump number) + 1

Jump 43	Jump 55	Jump 62	Jump 76	Jump 80
65.5m	83.5m	94m	115m	121m

START	155cm	275cm	395cm	515cm

Jumping rule = **+120cm**
formula = (120 × jump number) + 35

Jump 43	Jump 55	Jump 62	Jump 76	Jump 80
51.95m	66.35m	74.75m	91.55m	96.35m