










Algebra Animal Top Trumps

To start the game, shuffle and deal all the cards face down. Each player holds their cards so that they can see the top card only.

The player to the dealer's left starts by reading out a category from the top card (e.g. Height, value 5). The score of each characteristic will have to be worked out by substituting the values. The other players then read out the same category from their cards. The one with the best or highest value wins, and that player collects all the top cards, including their own, and moves them to the bottom of their pile. It is then their turn again to choose a category from the next card.

If two or more cards share the top value or data is not available for that particular subject then all the cards are placed in the middle and the same player chooses again from the next card. The winner of the hand takes the cards in the middle as well.

The person with all the cards at the end is the winner.

<p style="text-align: center;">SHARK</p>  <table border="1" data-bbox="209 483 579 763"> <tbody> <tr> <td>SPEED</td> <td>$3b - a$</td> </tr> <tr> <td>COURAGE</td> <td>$15 - 2a$</td> </tr> <tr> <td>STRENGTH</td> <td>$4c$</td> </tr> <tr> <td>AGILITY</td> <td>$8 + C$</td> </tr> </tbody> </table>	SPEED	$3b - a$	COURAGE	$15 - 2a$	STRENGTH	$4c$	AGILITY	$8 + C$	<p style="text-align: center;">TURTLE</p>  <table border="1" data-bbox="611 483 981 763"> <tbody> <tr> <td>SPEED</td> <td>$a - b$</td> </tr> <tr> <td>COURAGE</td> <td>$4 + b$</td> </tr> <tr> <td>STRENGTH</td> <td>$c \div 1$</td> </tr> <tr> <td>AGILITY</td> <td>$7 - a$</td> </tr> </tbody> </table>	SPEED	$a - b$	COURAGE	$4 + b$	STRENGTH	$c \div 1$	AGILITY	$7 - a$	<p style="text-align: center;">MACAW</p>  <table border="1" data-bbox="1013 483 1383 763"> <tbody> <tr> <td>SPEED</td> <td>$a + 9$</td> </tr> <tr> <td>COURAGE</td> <td>$b \div 1$</td> </tr> <tr> <td>STRENGTH</td> <td>$4 + c$</td> </tr> <tr> <td>AGILITY</td> <td>$3b - c$</td> </tr> </tbody> </table>	SPEED	$a + 9$	COURAGE	$b \div 1$	STRENGTH	$4 + c$	AGILITY	$3b - c$
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<p style="text-align: center;">RHINO</p>  <table border="1" data-bbox="209 1066 579 1346"> <tbody> <tr> <td>SPEED</td> <td>$20 - 5b$</td> </tr> <tr> <td>COURAGE</td> <td>$2c$</td> </tr> <tr> <td>STRENGTH</td> <td>$5c - 10$</td> </tr> <tr> <td>AGILITY</td> <td>$a - c$</td> </tr> </tbody> </table>	SPEED	$20 - 5b$	COURAGE	$2c$	STRENGTH	$5c - 10$	AGILITY	$a - c$	<p style="text-align: center;">SEAL</p>  <table border="1" data-bbox="611 1066 981 1346"> <tbody> <tr> <td>SPEED</td> <td>$c + a$</td> </tr> <tr> <td>COURAGE</td> <td>$13 - 2a$</td> </tr> <tr> <td>STRENGTH</td> <td>$6b$</td> </tr> <tr> <td>AGILITY</td> <td>$b - a$</td> </tr> </tbody> </table>	SPEED	$c + a$	COURAGE	$13 - 2a$	STRENGTH	$6b$	AGILITY	$b - a$	<p style="text-align: center;">SQUIRREL</p>  <table border="1" data-bbox="1013 1066 1383 1346"> <tbody> <tr> <td>SPEED</td> <td>$a + b + c$</td> </tr> <tr> <td>COURAGE</td> <td>$2a - 2b$</td> </tr> <tr> <td>STRENGTH</td> <td>$2a - 7$</td> </tr> <tr> <td>AGILITY</td> <td>$3c + 1$</td> </tr> </tbody> </table>	SPEED	$a + b + c$	COURAGE	$2a - 2b$	STRENGTH	$2a - 7$	AGILITY	$3c + 1$
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<p style="text-align: center;">BEETLE</p>  <table border="1" data-bbox="209 1648 579 1928"> <tbody> <tr> <td>SPEED</td> <td>$4b - 7$</td> </tr> <tr> <td>COURAGE</td> <td>$2a + 12$</td> </tr> <tr> <td>STRENGTH</td> <td>$3a - 6$</td> </tr> <tr> <td>AGILITY</td> <td>$a + 2c$</td> </tr> </tbody> </table>	SPEED	$4b - 7$	COURAGE	$2a + 12$	STRENGTH	$3a - 6$	AGILITY	$a + 2c$	<p style="text-align: center;">FOX</p>  <table border="1" data-bbox="611 1648 981 1928"> <tbody> <tr> <td>SPEED</td> <td>$3c + 2$</td> </tr> <tr> <td>COURAGE</td> <td>$36 - 2b$</td> </tr> <tr> <td>STRENGTH</td> <td>$20 + a$</td> </tr> <tr> <td>AGILITY</td> <td>$15 + C$</td> </tr> </tbody> </table>	SPEED	$3c + 2$	COURAGE	$36 - 2b$	STRENGTH	$20 + a$	AGILITY	$15 + C$	<p style="text-align: center;">HEDGEHOG</p>  <table border="1" data-bbox="1013 1648 1383 1928"> <tbody> <tr> <td>SPEED</td> <td>$2c - a$</td> </tr> <tr> <td>COURAGE</td> <td>$5a - 2b$</td> </tr> <tr> <td>STRENGTH</td> <td>$b + a - c$</td> </tr> <tr> <td>AGILITY</td> <td>$2a - 1$</td> </tr> </tbody> </table>	SPEED	$2c - a$	COURAGE	$5a - 2b$	STRENGTH	$b + a - c$	AGILITY	$2a - 1$
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STRENGTH	$b + a - c$																									
AGILITY	$2a - 1$																									

EAGLE



SPEED	$6 + 2a$
COURAGE	$40 - 3b$
STRENGTH	$c + b + 7$
AGILITY	$3c + 1$

CHICKEN



SPEED	$6b - 10$
COURAGE	$c - b$
STRENGTH	$c + 1$
AGILITY	$3b - 2$

RAT



SPEED	$3b + 1$
COURAGE	$a + b + 7$
STRENGTH	$9 + c$
AGILITY	$15 - a$

BEAR



SPEED	$3c - a$
COURAGE	$3a - 3b$
STRENGTH	$6 + 2b$
AGILITY	$18 - a$

PANDA



SPEED	$20 - 5a$
COURAGE	$12 - b$
STRENGTH	$b + c + 1$
AGILITY	$12 - 2b$

KANGAROO



SPEED	$2a + c$
COURAGE	$a + b - 6$
STRENGTH	$7 + 3b$
AGILITY	$3c + a$

KOALA



SPEED	$15 - b$
COURAGE	$4a - b$
STRENGTH	$3a + 1$
AGILITY	$21 - 3c$

WALRUS



SPEED	$b + c - 2$
COURAGE	$2c - 7$
STRENGTH	$2b + c$
AGILITY	$4c - a$

PENGUIN



SPEED	$2c + a$
COURAGE	$21 - 3a$
STRENGTH	$6 + 2c$
AGILITY	$b + 11$

SHEEP



SPEED	$a + 4$
COURAGE	$11 - c$
STRENGTH	$5a - 10$
AGILITY	$b + c + 6$

WORM



SPEED	$3b + 3$
COURAGE	$7 - b$
STRENGTH	$2b - 1$
AGILITY	$18 - c$

SNAIL



SPEED	$b \times 0$
COURAGE	$a + 0$
STRENGTH	$2a - 7$
AGILITY	$13 - 2c$

TIGER



SPEED	$3b + 3c$
COURAGE	$6a - 10$
STRENGTH	$2a + c$
AGILITY	$c + a + 4$

COW



SPEED	$3c - b$
COURAGE	$c - a$
STRENGTH	$3a - c$
AGILITY	$18 - b$

DUCK



SPEED	$5 + a + b$
COURAGE	$9 + b$
STRENGTH	$b + 0$
AGILITY	$40 - 3a$

MOLE



SPEED	$2a + 2b$
COURAGE	$b - b$
STRENGTH	$2b - 7$
AGILITY	$3c - 6$

FISH



SPEED	$40 - 3c$
COURAGE	$a - 11$
STRENGTH	$a - a$
AGILITY	$a + c + 5$

HIPPO



SPEED	$4b - c$
COURAGE	$8 + 2b$
STRENGTH	$c + b + 3$
AGILITY	$0 - a$

LION



SPEED	$a - b$
COURAGE	$c - 4$
STRENGTH	$12 - a$
AGILITY	$2b + a$

FROG



SPEED	$3b + 4$
COURAGE	$a + c$
STRENGTH	$21 - 3b$
AGILITY	$9 + a$

CAT



SPEED	$a + 10$
COURAGE	$8 + 2c$
STRENGTH	$2a + 2c$
AGILITY	$5b$

HORSE



SPEED	$3c - 1$
COURAGE	ab
STRENGTH	$b + 7$
AGILITY	$20 - 5c$

DOG



SPEED	$2 + 2a$
COURAGE	$a + b + c$
STRENGTH	$2c + b$
AGILITY	$C + 11$

ELEPHANT



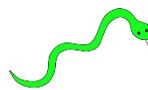
SPEED	$11 - b$
COURAGE	$8 + 2a$
STRENGTH	$13 + b$
AGILITY	$0 - c$

GIRAFFE



SPEED	$5a$
COURAGE	$15 - a$
STRENGTH	$a \times 0$
AGILITY	$4b - a$

SNAKE



SPEED	$b + c$
COURAGE	$5a + 4$
STRENGTH	$11 - a$
AGILITY	$5c$

MOUSE



SPEED	ac
COURAGE	$a \div 1$
STRENGTH	$7 - a$
AGILITY	$a + b + 9$

MONKEY



SPEED	$2a + b$
COURAGE	$a + c + 3$
STRENGTH	$15 - 2a$
AGILITY	$3a + b$

GORILLA



SPEED	$7 + 3c$
COURAGE	$3a + 3c$
STRENGTH	$30 - 4a$
AGILITY	$4b + 2c$

SPIDER



SPEED	$2a$
COURAGE	$6 + 3c$
STRENGTH	$a + 1$
AGILITY	$3a - b$

DOLPHIN



SPEED	$a + b + 1$
COURAGE	$b - c$
STRENGTH	$c + 0$
AGILITY	$30 - 4c$

ANT



SPEED	$7 + 3a$
COURAGE	$2a - 1$
STRENGTH	$C \times 5$
AGILITY	$5b - 10$

BUTTERFLY



SPEED	$2b$
COURAGE	$4a - c$
STRENGTH	$c - c$
AGILITY	$3b + c$

WHALE



SPEED	$4c - b$
COURAGE	$a + b - 1$
STRENGTH	$6c - 10$
AGILITY	$15 - 2b$

RABBIT



SPEED	$30 - 4b$
COURAGE	$10 - 2b$
STRENGTH	bc
AGILITY	$2c + 10$

PIG



SPEED	$C + b$
COURAGE	$2a + 7$
STRENGTH	$3b$
AGILITY	$0 - b$

$a=1$

$b=2$

$c=3$

$a=4$

$b=2$

$c=5$

$a=2$

$b=3$

$c=2$

$a=3$

$b=3$

$c=3$

$a=0$

$b=3$

$c=4$

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$b=1$

$c=2$

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$c=0$