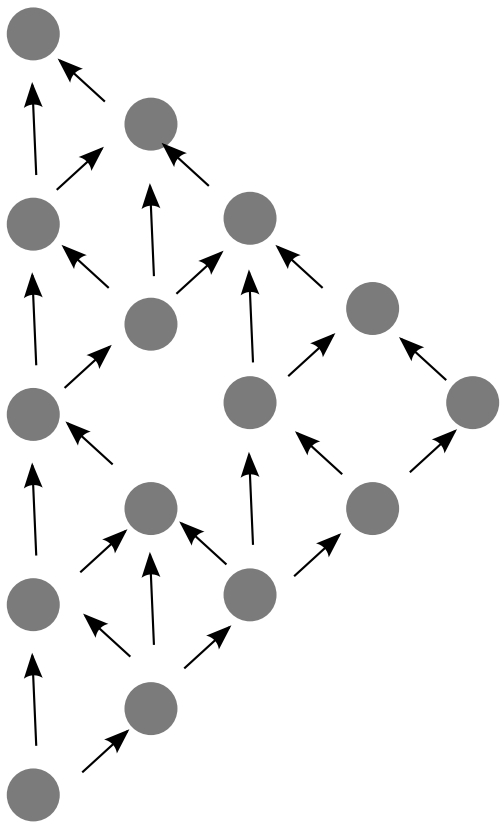
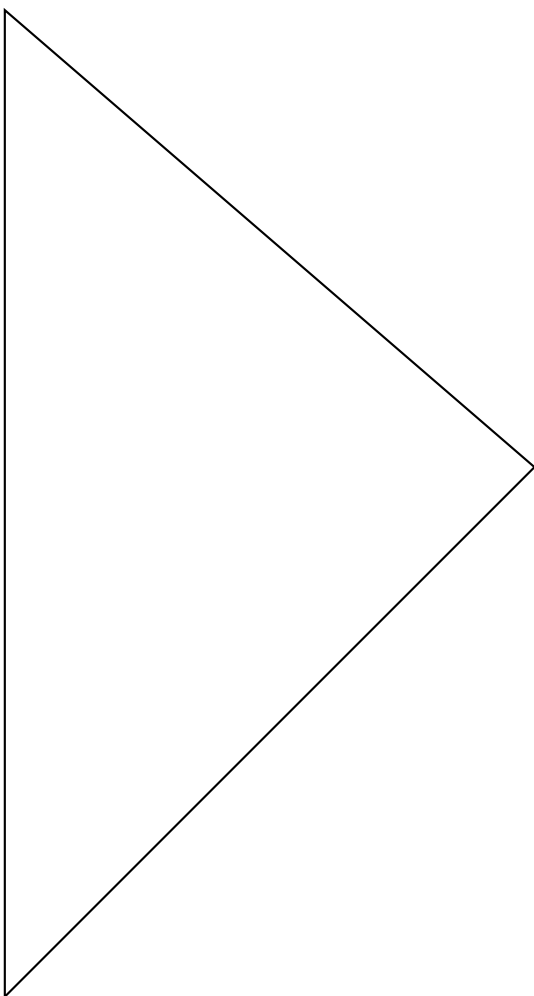


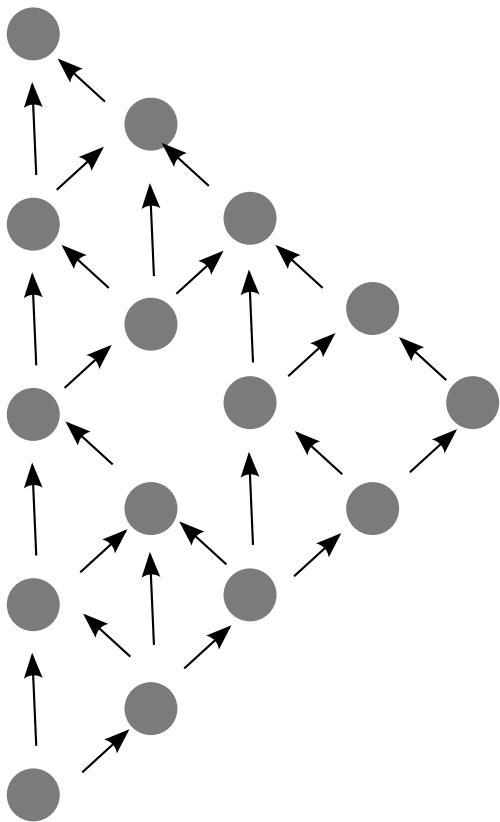
"The limits of my language mean the limits of my world."

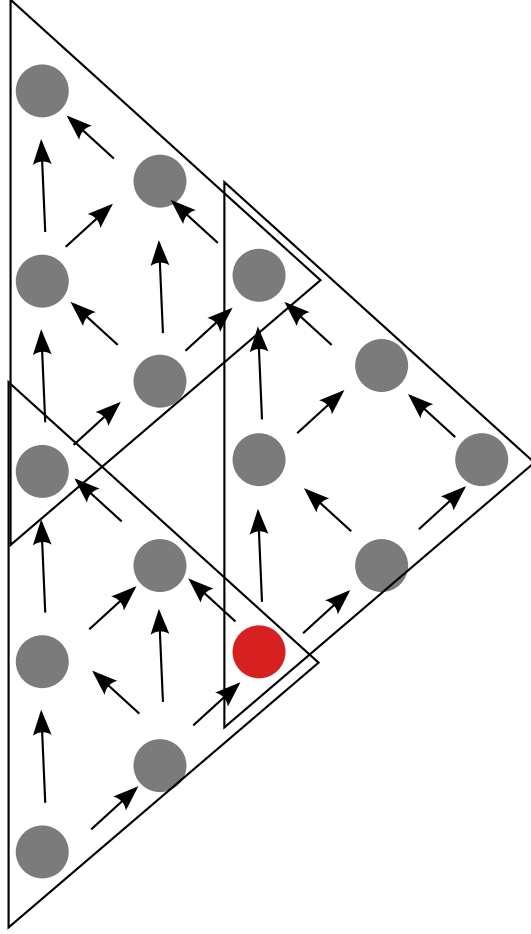
Ludwig Wittgenstein



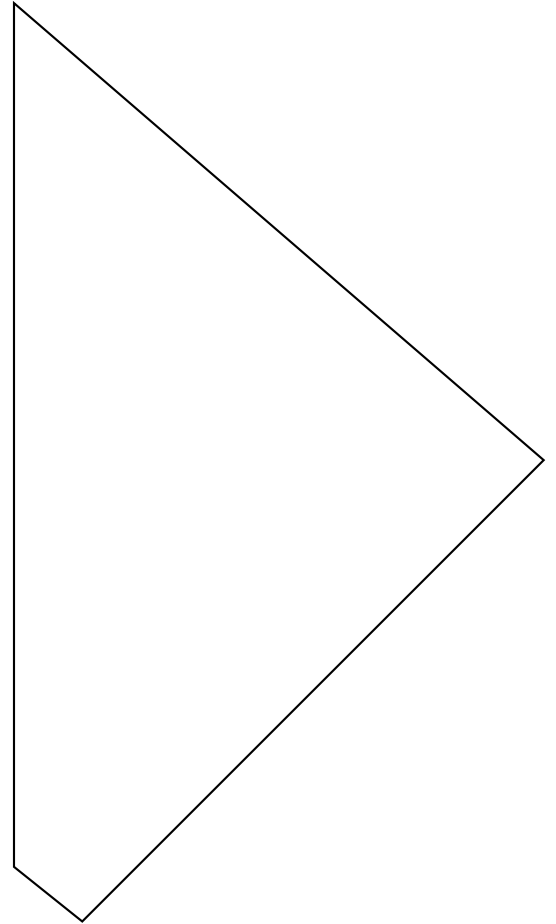
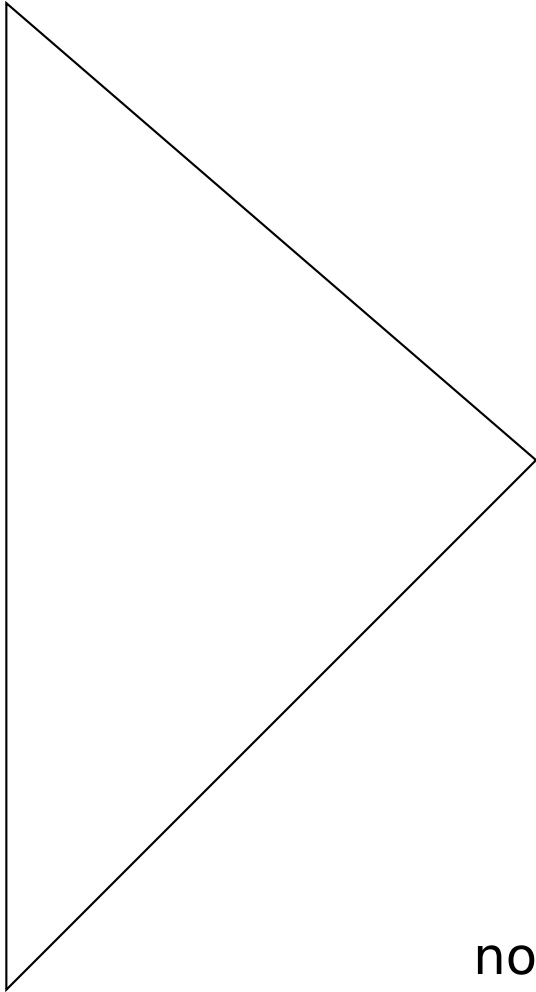


divide and conquer

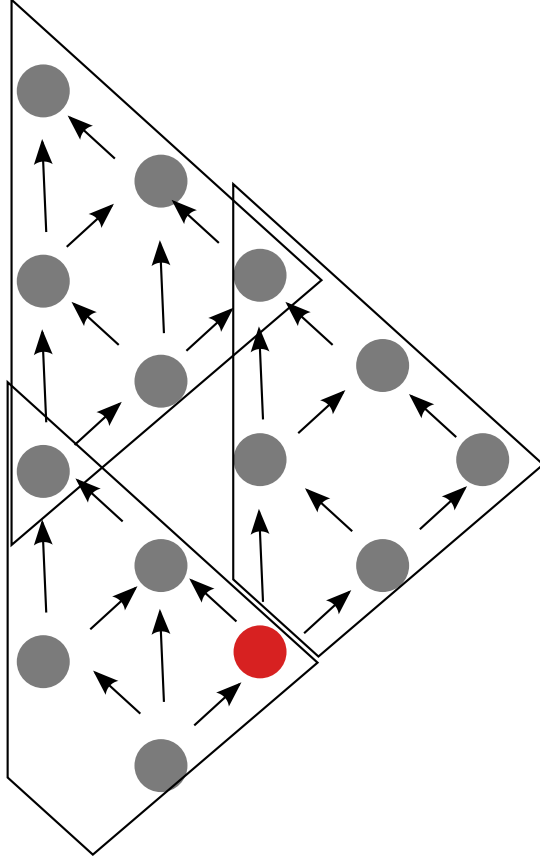




new abstraction



node missing → ●



```
sub sierp(Int $size, Node $u = Node.new) {  
  if $size <= 1 {  
    return $u, $u;  
  }  
  
  my ($lp1, $lp2, $r) = chipped($size, $u);  
  my $l = Node.new(:parents($lp1, $lp2));  
  
  return $l, $r;  
}
```

```

sub chipped(Int $size, Node $u, $rp1?, $rp2?) {
  if $size <= 2 {
    my $r = defined($rp1)
      ?? Node.new(:parents($u, $rp1, $rp2))
      !! Node.new(:parents($u));
    return $u, $r, $r;
  }

  my ($Ul, $Ur)           = sierp($size - 1, $u);
  my ($Rlp1, $Rlp2, $Rr) = chipped($size - 1, $Ur);
  my ($Llp1, $Llp2, $Lr) = chipped($size - 1, $Ul,
                                     $Rlp1, $Rlp2);

  return $Llp1, $Llp2, $Rr;
}

```

live demo

merci bcp